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Medical College
for 1940-41



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CALENDAR

1940

September 12.	Thursday.	Examinations begin for conditioned students.
September 17.	Tuesday.	Registration Day.*
September 18.	Wednesday.	Classes begin for all students.**
November 5.	Tuesday.	Election day. Holiday.
November 16.	Saturday.	First quarter ends, 1 P.M.
November 18.	Monday.	Second quarter begins, 9 A.M.
November 20.	Wednesday.	Thanksgiving recess begins, 5 P.M.
November 25.	Monday.	Thanksgiving recess ends, 9 A.M.
December 7.	Saturday.	First trimester ends, 1 P.M.
December 9.	Monday.	Second trimester begins, 9 A.M.
December 20.	Friday.	Christmas recess begins, 5 P.M.

1941

January 2.	Thursday.	Christmas recess ends, 9 A.M.
January 29.	Wednesday.	Second quarter ends, 5 P.M.
January 30.	Thursday.	Third quarter begins, 9 A.M.
February 22.	Saturday.	Washington's Birthday—Holiday.
March 5.	Wednesday.	Second trimester ends, 5 P.M.
March 6-12, inc.		Spring holiday for first and second year students.
March 13.	Thursday.	Third trimester begins, 9 A.M.
March 29.	Saturday.	Third quarter ends, 1 P.M.
March 31.	Monday.	Fourth quarter begins, 9 A.M.
May 29.	Thursday.	Instruction ends for all classes, 5 P.M.
June 2-6, inc.		Final examinations.
June 11.	Wednesday.	Commencement, 4 P.M.

*All students must register in person at the Administration Office on or before September 17. No student will be admitted after registration day without special permission of the Dean. Upon registration, all fees must be paid at the Business Office.

**First and second years are divided into trimesters; third and fourth into quarters.

BOARD OF TRUSTEES

The President of the University	} <i>Ex-Officio</i>	Ithaca
The Governor of New York State		Albany
The Lieutenant-Governor of New York State		Albany
The Speaker of the Assembly		Albany
The State Commissioner of Education		Albany
The State Commissioner of Agriculture		Albany
The President of the State Agricultural Society		
The Librarian of the Cornell (City) Library		Ithaca
CHARLES EZRA CORNELL		Ithaca
*FRANK H. HISCOCK (B)		Syracuse
*NICHOLAS H. NOYES (B)		Indianapolis, Ind.
*WALTER S. CARPENTER, JR. (B)		Wilmington, Del.
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*ROBERT E. TREMAN (A)		Ithaca
*STANTON GRIFFIS (G)		New York
NEAL D. BECKER (B)		New York
BANCROFT GHERARDI (B)		Short Hills, N. J.
ROGER H. WILLIAMS (B)		New York
MARY H. DONLON (A)		New York
ALFRED H. HUTCHINSON (A)		New York
EDWARD R. EASTMAN (G)		Ithaca
FRANK E. GANNETT (B)		Rochester
FRANKLIN W. OLIN (B)		Alton, Ill.
EZRA B. WHITMAN (B)		Baltimore, Md.
GEORGE H. ROCKWELL (A)		Cambridge, Mass.
THOMAS I. S. BOAK (A)		New Haven, Conn.
MYRON C. TAYLOR (G)		New York
JERVIS LANGDON (B)		Elmira
FLOYD L. CARLISLE (B)		New York
WALTER C. TEAGLE (B)		New York
MATTHEW CAREY (A)		Detroit, Mich.
PAUL A. SCHOELLKOPF (A)		Niagara Falls
GEORGE R. VAN NAMEE (G)		New York
WALTER L. TODD (B)		Rochester
HENRY R. ICKELHEIMER (B)		New York
MAXWELL M. UPSON (B)		New York
GEORGE R. PFANN (A)		New York
WILLIS H. CARRIER (A)		Syracuse
HORACE WHITE (G)		Syracuse
HOWARD E. BABCOCK (Gr)		Ithaca

FACULTY REPRESENTATIVES

DONALD ENGLISH (January 1, 1941)	Ithaca
WILLIAM S. LADD (January 1, 1942)	New York
WILLIAM I. MYERS (January 1, 1944)	Ithaca
GEORGE H. SABINE (January 1, 1945)	Ithaca

*Term of office expires in 1941, the next group of six in 1942, etc. B, elected by the Board; A, elected by the Alumni; G, appointed by the Governor; Gr., elected annually by the State Grange.

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Association was formed by an agreement between the Society of the New York Hospital and Cornell University in order to associate organically the hospital and the medical college and to effect a complete coordination of the medical, educational, and scientific activities of the two institutions.

The Association is operated under the supervision of a Joint Administrative Board, composed of three Governors of the Society of the New York Hospital, three representatives of the Trustees of Cornell University, and one other member elected by the appointed members.

The Joint Administrative Board is composed of the following members:

BARKLIE HENRY, *Chairman*

WILLIAM H. JACKSON

HENRY S. STURGIS

EDMUND E. DAY

NEAL D. BECKER

WALTER L. NILES

J. PIERPONT MORGAN

FORM FOR BEQUESTS

The Society of the New York Hospital is associated with the Cornell University Medical College, which is one of the colleges of Cornell University, under the title of "The New York Hospital-Cornell Medical College Association."

Gifts or bequests should be made either to the Hospital or to the University, but not to the above-named Association.

If for the Hospital, the language may be: "I give and bequeath to the Society of the New York Hospital the sum of \$....."

If for the use of the College, the language may be: "I give and bequeath to Cornell University the sum of \$..... for use in connection with its Medical College in New York City." If it is desired that a gift shall be used in whole or in part for any specific purpose in connection with the College, such use may be specified.

THE MEDICAL COLLEGE COUNCIL

For the purpose of making recommendations to the Board of Trustees, in relation to the affairs of the Medical College, and of discharging its duties to the Memorial Hospital under the Douglas Deeds of Trust, there is established a Medical College Council, which shall consist of ten members: The President of the University, who shall be *ex officio* chairman; four Trustees to be elected by the Board of Trustees one of whom shall be elected each year for the term of four years; the Dean of the Medical College; two members of the Faculty, to be elected by the Faculty, one each year for the term of two years; two Alumni of the Medical College, one to be appointed by the Medical College Alumni Association and the other by the Board of Trustees, each for a term of one year.

The Council at present consists of the following members:

EDMUND EZRA DAY, President of Cornell University, *Chairman*,
ex officio.

WILLIAM S. LADD, Dean, Cornell University Medical College.

NEAL D. BECKER

HENRY R. ICKELHEIMER

MYRON C. TAYLOR

ROGER H. WILLIAMS

HENRICUS J. STANDER

JOSEPH C. HINSEY

SAMUEL A. COSGROVE

MARY CRAWFORD

EDWARD K. TAYLOR, *Secretary*.

} of the Board of Trustees.

} of the Faculty.

} of the Alumni.

OFFICERS OF ADMINISTRATION

EDMUND EZRA DAY, *President.*

WILLIAM S. LADD, *Dean.*

DAYTON J. EDWARDS, *Assistant Dean and Secretary of the Faculty.*

DOROTHY GILL, *Recorder.*

EDWARD K. TAYLOR, *Assistant Treasurer and Business Manager.*

JOSEPHINE G. NICHOLS, *Librarian.*

EXECUTIVE FACULTY

EDMUND EZRA DAY

DETLEV W. BRONK
OSKAR DIETHELM
EUGENE F. DUBOIS
VINCENT DU VIGNEAUD
GEORGE J. HEUER
JOSEPH C. HINSEY

WILLIAM S. LADD
SAMUEL Z. LEVINE
JAMES M. NEILL
EUGENE L. OPIE
WILSON G. SMILLIE
HENRICUS J. STANDER

STANDING COMMITTEES*

COMMITTEE ON CURRICULUM

GEORGE J. HEUER, *Chairman*

JOSEPH C. HINSEY

JAMES M. NEILL

HENRICUS J. STANDER

COMMITTEE ON ADMISSIONS

DAYTON J. EDWARDS, *Chairman*

WILSON G. SMILLIE
JOSHUA E. SWEET

HERBERT F. TRAUT
BRUCE WEBSTER

LIBRARY COMMITTEE

JAMES M. NEILL, *Chairman*

WILLIAM DEW. ANDRUS
D. MURRAY ANGEVINE
DEAN BURK
GEORGE W. HENRY

JOSEPH C. HINSEY
ANDREW A. MARCHETTI
JOSE F. NONIDEZ
HENRY B. RICHARDSON

JOSEPHINE G. NICHOLS

COMMITTEE ON PROMOTION AND GRADUATION

WILLIAM S. LADD, *Chairman*

Heads of Departments, or their representatives, responsible for the more important courses of each year.

COMMITTEE ON SCHOLARSHIPS AND PRIZES

SAMUEL Z. LEVINE, *Chairman*

OSKAR DIETHELM

JOHN C. TORREY

COMMITTEE ON POLK PRIZES IN RESEARCH

R. GORDON DOUGLAS, *Chairman*

JACOB FURTH

HARRY H. GORDON

WILSON G. SMILLIE

*The Dean is ex-officio a member of all Committees.

THE FACULTY

EDMUND EZRA DAY, President of Cornell University.

S.B. 1905, A.M. 1906, Dartmouth; Ph.D. 1909, Harvard; LL.D. 1931, Vermont;
1937, Dartmouth, Harvard, Pennsylvania, and Syracuse.

WILLIAM S. LADD, Dean.

B.S. 1910, Amherst; M.D. 1915, Columbia.

PROFESSORS EMERITI

GEORGE WOOLSEY, M.D.	Professor of Clinical Surgery.
IRVING S. HAYNES, M.D.	Professor of Clinical Surgery.
FREDERICK WHITING, M.D.	Professor of Clinical Surgery (Otology).
CHARLES L. GIBSON, M.D.	Professor of Surgery.
WILLIAM L. RUSSELL, M.D.	Professor of Psychiatry.
GEORGE GRAY WARD, M.D.	Professor of Obstetrics and Gynecology.
ROBERT A. HATCHER, M.D.	Professor of Pharmacology.
EDWARD L. KEYES, M.D.	Professor of Clinical Surgery (Urology).
JOHN A. HARTWELL, M.D.	Professor of Clinical Surgery.
WILLIAM J. ELSE, M.D.	Professor of Applied Pathology and Bacteriology.

PROFESSORS

JAMES EWING, Professor of Oncology.

Consulting Pathologist, New York and Memorial Hospitals.

A.B. 1888, A.M. 1891, Sc.D. 1923, Amherst; M.D. 1891, Columbia; Sc.D. 1911,
Pittsburgh.

EUGENE F. DU BOIS, Professor of Medicine.

Physician-in-Chief, New York Hospital.

Consulting Physician, Bellevue Hospital.

A.B. 1903, Harvard; M.D. 1906, Columbia.

JOHN C. TORREY, Professor of Epidemiology.

A.B. 1898, Sc.D. 1922, Vermont; Ph.D. 1902, Columbia.

HENRICUS J. STANDER, Professor of Obstetrics and Gynecology.

Obstetrician- and Gynecologist-in-Chief, New York Hospital.

Chief Obstetrician, Berwind Maternity Clinic.

M.S. 1916, Arizona; M.D. 1921, Yale.

GEORGE J. HEUER, Professor of Surgery.

Surgeon-in-Chief, New York Hospital.

B.S. 1903, Wisconsin; M.D. 1907, Johns Hopkins.

EUGENE L. OPIE, Professor of Pathology.

Pathologist, New York Hospital.

A.B. 1893, M.D. 1897, Johns Hopkins; Sc.D. 1931, Yale; LL.D. 1940, Washing-
ton University.

JAMES M. NEILL, Professor of Bacteriology and Immunology.

B.S. 1917, Allegheny; Ph.D. 1921, Massachusetts Agricultural College.

- OSKAR DIETHELM, Professor of Psychiatry.
Psychiatrist-in-Chief, New York Hospital.
Staatsexamen 1922, University of Zurich; M.D. 1923, University of Berne.
- SAMUEL Z. LEVINE, Professor of Pediatrics.
Pediatrician-in-Chief, New York Hospital.
A.B. 1916, College of the City of New York; M.D. 1920, Cornell.
- JOSEPH C. HINSEY, Professor of Anatomy.
B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University.
- WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.
A.B. 1908, Colorado College, M.D. 1912, D.P.H. 1916, Harvard.
- JOSE F. NONIDEZ, Professor of Anatomy.
M.S. 1913, Sc.D. 1914, Madrid.
- VINCENT DU VIGNEAUD, Professor of Biochemistry.
B.S. 1923, M.S. 1924, Illinois; Ph.D. 1927, Rochester.
- DETLEV W. BRONK, Professor of Physiology.
A.B. 1920, Swarthmore; M.S. 1922, Ph.D. 1926, Michigan.
- LEWIS A. CONNER, Professor of Clinical Medicine.
Consulting Physician, New York, Bellevue, and Memorial Hospitals.
Ph.B. 1887, Yale; M.D. 1890, Columbia.
- OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.
Attending Pediatrician, New York Hospital.
B.S. 1901, Alabama Polytechnic Institute; M.D. 1905, Johns Hopkins.
- WALTER L. NILES, Professor of Clinical Medicine.
Attending Physician, New York Hospital; Consulting Physician, Bellevue and Memorial Hospitals.
M.D. 1902, Cornell.
- HANS J. SCHWARTZ, Professor of Clinical Medicine (Dermatology).
Attending Physician, Dermatology, New York Hospital; Consulting Physician, Memorial Hospital.
M.D. 1898, McGill.
- MALCOLM GOODRIDGE, Professor of Clinical Medicine.
Attending Physician, New York Hospital; Consulting Physician, Bellevue Hospital.
A.B. 1894, Princeton; M.D. 1898, Columbia.
- FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).
Consulting Neurologist, New York and Memorial Hospitals;
Visiting Physician in charge of Neurological Service, Bellevue Hospital.
M.B., B.Ch. 1906, Royal University, Ireland; M.D. 1910, Dublin.
- JOSHUA E. SWEET, Professor of Experimental Surgery.
A.B. 1897, A.M. 1900, Sc.D. 1922, Hamilton; M.D. 1901, Giessen.

BERNARD SAMUELS, Professor of Clinical Surgery (Ophthalmology).
Attending Surgeon, Ophthalmology, New York Hospital.
M.D. 1907, Jefferson.

CHARLES E. FARR, Professor of Clinical Surgery.
Attending Surgeon, New York Hospital.
A.B. 1898, M.D. 1903, Yale.

EUGENE H. POOL, Professor of Clinical Surgery.
Senior Attending Surgeon, New York Hospital.
A.B. 1895, Harvard; M.D. 1899, Columbia.

HENRY H. M. LYLE, Professor of Clinical Surgery.
Consulting Surgeon, St. Luke's Hospital.
M.D. 1900, Columbia.

WILLIAM R. WILLIAMS, Professor of Clinical Medicine.
Consulting Physician, New York Hospital.
A.B. 1889, A.M. 1892, Williams; M.D. 1895, Columbia.

JOSEPH C. ROPER, Professor of Clinical Medicine.
Consulting Physician, New York Hospital.
M.D. 1897, New York University Medical College; M.D. 1899, Cornell.

NATHAN CHANDLER FOOT, Professor of Surgical Pathology.
Surgical Pathologist, New York Hospital.
A.B. 1903, Harvard; M.D. 1907, Columbia.

RUSSELL L. CECIL, Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital; Associate
Visiting Physician, Bellevue Hospital.
A.B. 1902, Princeton; M.D. 1906, Medical College of Virginia.

PHYLLIS GREENACRE, Professor of Clinical Psychiatry.
Attending Psychiatrist, New York Hospital.
B.S. 1913, University of Chicago; M.D. 1916, Rush.

WILLIAM S. LADD, Dean; Professor of Clinical Medicine.
Attending Physician, New York Hospital.
B.S. 1910, Amherst; M.D. 1915, Columbia.

CLARENCE O. CHENEY, Professor of Clinical Psychiatry.
Consulting Psychiatrist, New York Hospital.
A.B. 1908, M.D. 1911, Columbia.

ALEXANDER R. STEVENS, Professor of Clinical Surgery (Urology).
Attending Surgeon, Urology, New York Hospital; Consulting
Surgeon, Urology, Bellevue Hospital.
A.B. 1896, M.D. 1903, Johns Hopkins.

JOHN R. CARTY, Professor of Radiology.
Radiologist, New York Hospital.
B.S. 1917, Princeton; M.D. 1921, Cornell.

FRANK H. DIXON, Lieut-Col. M.C., U. S. Army, Professor of Military Science and Tactics.
M.D. 1916, University of Oregon.

ASSOCIATE PROFESSORS

DAYTON J. EDWARDS, Assistant Dean; Associate Professor of Physiology.
B.S. 1906, Maine; Ph.D. 1913, Columbia.

CHARLES V. MORRILL, Associate Professor of Anatomy; Chairman of Group F, Graduate School.
A.M. 1906, Ph.D. 1910, Columbia.

HERBERT F. TRAUT, Associate Professor of Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
B.S. 1917, Whitman; M.D. 1923, Johns Hopkins.

WILLIAM DEWITT ANDRUS, Associate Professor of Surgery.
Attending Surgeon, New York Hospital.
A.B. 1916, A.M. 1917, Oberlin; M.D. 1921, Johns Hopkins.

HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.
Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital.
A.B. 1910, M.D. 1914, Harvard.

HAROLD J. STEWART, Associate Professor of Medicine.
Attending Physician, New York Hospital.
A.B. 1915, M.D. 1919, A.M. 1923, Johns Hopkins.

GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.
Attending Psychiatrist, New York Hospital.
A.B. 1912, Wesleyan; M.D. 1916, Johns Hopkins.

JAMES A. HARRAR, Associate Professor of Clinical Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
M.D. 1901, University of Pennsylvania.

MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.
B.S. 1916, Ph.D. 1924, Cornell; A.M. 1917, Columbia.

McKEEN CATTELL, Associate Professor of Pharmacology.
B.S. 1914, Columbia; A.M. 1917, Ph.D. 1920, M.D. 1924, Harvard.

CONNIE M. GUION, Associate Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital.
A.B. 1906, Wellesley; A.M. 1913, M.D. 1917, Cornell.

LEWIS D. STEVENSON, Associate Professor of Clinical Medicine (Neurology) and Associate Professor of Neuropathology.
Assistant Pathologist, Assistant Attending Physician, New York Hospital. Associate Visiting Physician, Bellevue Hospital.
A.B. 1916, M.D. 1916, Queen's University.

- WILLIAM F. MACFEE**, Associate Professor of Clinical Surgery.
Attending Surgeon, New York Hospital; Director of Surgery, St. Luke's Hospital.
A.B. 1914, University of Tennessee; M.D. 1918, Johns Hopkins.
- GEORGE PAPANICOLAOU**, Associate Professor of Anatomy.
M.D. 1904, Athens; Ph.D. 1910, Munich.
- R. GORDON DOUGLAS**, Associate Professor of Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
M.D.C.M. 1924, McGill.
- LOUIS HAUSMAN**, Associate Professor of Clinical Medicine (Neurology).
Physician to Out-Patients, New York Hospital; Associate Visiting Physician, Bellevue Hospital.
A.B. 1912, College of the City of New York; M.D. 1916, Cornell.
- HAROLD G. WOLFF**, Associate Professor of Medicine.
Associate Attending Physician; Assistant Attending Psychiatrist, New York Hospital; Clinical Assistant, Bellevue Hospital.
B.S. 1918, College of the City of New York; M.D. 1923, M.A. 1928, Harvard.
- JACOB FURTH**, Associate Professor of Pathology.
Assistant Pathologist, New York Hospital.
M.D. 1921, German University, Prague.
- ASA L. LINCOLN**, Associate Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital; Visiting Physician and Director, Second Medical Division, Bellevue Hospital.
A.B. 1910, M.A. 1911, Elon College; M.D. 1916, Johns Hopkins.
- FRANK E. ADAIR**, Associate Professor of Clinical Surgery.
Attending Surgeon and Executive Officer Medical Board, Memorial Hospital.
A.B. 1910, Sc.D. 1934, Marietta College; M.D. 1915, Johns Hopkins.
- RALPH F. BOWERS**, Associate Professor of Clinical Surgery.
Associate Attending Surgeon, New York Hospital.
A.B. 1921, M.D. 1925, Johns Hopkins.
- DEAN BURK**, Associate Professor of Biochemistry.
B.S. 1923, Ph.D. 1927, University of California.
- WILLIAM H. CHAMBERS**, Associate Professor of Physiology.
B.S. 1915, M.S. 1917, University of Illinois; Ph.D. 1920, Washington University.
- CARY EGGLESTON**, Associate Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital.
Visiting Physician, Bellevue Hospital.
M.D. 1907, Cornell.
- HOWARD S. JECK**, Associate Professor of Clinical Surgery (Urology).
Assistant Attending Surgeon, Urology, New York Hospital.
Visiting Surgeon in Charge of Urological Service, Bellevue Hospital.
Ph.B. 1904, Yale; M.D. 1909, Vanderbilt.

JOHN H. RICHARDS, Associate Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital; Visiting
Physician, Bellevue Hospital.
M.D. 1905, Cornell.

H. KEFFER HARTLINE, Associate Professor of Physiology.
B.S. 1923, Lafayette College; M.D. 1927, Johns Hopkins.

PAUL REZNIKOFF, Associate Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital; Visiting
Physician, Bellevue Hospital.
B.S. 1916, New York University; M.D. 1920, Cornell.

ASSISTANT PROFESSORS

JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.
A.B. 1902, M.D. 1905, Columbia.

ROBERT A. COOKE, Assistant Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital.
A.B. 1900, A.M. 1904, Rutgers; M.D. 1904, Columbia.

RALPH G. STILLMAN, Assistant Professor of Medicine (Clinical Pathol-
ogy).
Clinical Pathologist, New York Hospital.
A.B. 1903, Yale; M.D. 1907, Columbia.

GUILFORD S. DUDLEY, Assistant Professor of Clinical Surgery.
Associate Attending Surgeon, New York Hospital; Visiting Sur-
geon and Director, Second Surgical Division, Bellevue Hospital.
A.B. 1910, M.D. 1913, Cornell.

GEORGE W. WHEELER, Assistant Professor of Medicine (Clinical
Pathology).
Superintendent, and Clinical Bacteriologist, New York Hospital.
M.D. 1907, Cornell.

HAROLD E. B. PARDEE, Assistant Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital.
A.B. 1906, M.D. 1909, Columbia.

WALTER C. KLOTZ, Assistant Professor of Public Health and Preventive
Medicine.
Director, Out-Patient Department, New York Hospital.
M.D. 1898, Columbia.

ARTHUR PALMER, Assistant Professor of Clinical Surgery (Otolaryn-
gology).
Associate Attending Surgeon, Otolaryngology, New York Hos-
pital.
A.B. 1911, Brown; M.D. 1915, Cornell.

MORRIS K. SMITH, Assistant Professor of Clinical Surgery.
Attending Surgeon, St. Luke's Hospital.
A.B. 1907, A.M. 1911, M.D. 1911, Dartmouth.

- HERVEY C. WILLIAMSON, Assistant Professor of Clinical Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
M.D. 1908, New York University.
- HARRY GOLD, Assistant Professor of Pharmacology.
A.B. 1919, M.D. 1922, Cornell.
- RUSSEL H. PATTERSON, Assistant Professor of Clinical Surgery.
Assistant Attending Surgeon, New York Hospital; Visiting Surgeon, Bellevue Hospital.
A.B. 1914, Georgia; M.D. 1918, Harvard.
- GERVAIS W. McAULIFFE, Assistant Professor of Clinical Surgery, (Otolaryngology).
Associate Attending Surgeon, Otolaryngology, New York Hospital.
M.D. 1920, Long Island College Hospital.
- EDWARD CUSSLER, Assistant Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital.
M.D. 1904, Columbia.
- SEWARD ERDMAN, Assistant Professor of Clinical Surgery.
Attending Surgeon, New York Hospital.
A.B. 1897, Princeton; M.D. 1902, Columbia.
- BRUCE WEBSTER, Assistant Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital.
M.D.C.M. 1925, McGill.
- SYDNEY WEINTRAUB, Assistant Professor of Clinical Radiology.
Assistant Radiologist, New York Hospital.
M.D. 1918, Columbia.
- MAY G. WILSON, Assistant Professor of Clinical Pediatrics.
Associate Attending Pediatrician, New York Hospital.
A.B. 1907, Hunter; M.D. 1911, Cornell.
- LUCIUS A. WING, Assistant Professor of Clinical Obstetrics and Gynecology.
Associate Attending Obstetrician and Gynecologist, New York Hospital.
A.B. 1903, Ohio State; M.D. 1907, Cornell.
- CARL A. BINGER, Assistant Professor of Clinical Medicine (Psychiatry).
Assistant Attending Physician, New York Hospital.
A.B. 1910, M.D. 1914, Harvard.
- JULES FREUND, Assistant Professor of Pathology.
M.D. 1913, University Medical School, Budapest.
- EPHRAIM SHORR, Assistant Professor of Medicine.
Assistant Attending Physician, New York Hospital.
A.B. 1919, M.D. 1922, Yale.

- JOHN F. McGRATH, Assistant Professor of Clinical Obstetrics and Gynecology.
Associate Attending Obstetrician and Gynecologist, New York Hospital.
A.B. 1902, Princeton; M.D. 1908, Cornell.
- JESSE F. SAMMIS, Assistant Professor of Clinical Pediatrics.
Associate Attending Pediatrician, New York Hospital.
A.B. 1902, Princeton; M.D. 1906, Columbia.
- PHILIP M. STIMSON, Assistant Professor of Clinical Pediatrics.
Associate Attending Pediatrician, New York Hospital; Attending Physician, Willard Parker Hospital.
A.B. 1910, Yale; M.D. 1914, Cornell.
- IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).
Assistant Attending Surgeon, New York Hospital.
B.S. 1915, College of the City of New York; M.D. 1918, Cornell.
- MILTON L. BERLINER, Assistant Professor of Clinical Surgery (Ophthalmology).
Associate Attending Surgeon, New York Hospital.
M.D. 1918, Long Island College Hospital.
- LLOYD F. CRAVER, Assistant Professor of Clinical Medicine.
Attending Physician, Memorial Hospital.
A.B. 1915, M.D. 1918, Cornell.
- EDGAR MAYER, Assistant Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital.
A.B. 1909, College of the City of New York; M.D. 1913, Columbia.
- GEORGE T. PACK, Assistant Professor of Clinical Surgery.
Attending Surgeon, Memorial Hospital.
B.S. 1920, Ohio State; M.D. 1922, Yale.
- BYRON H. GOFF, Assistant Professor of Clinical Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
B.S. 1908, M.D. 1911, Pennsylvania.
- JOHN Y. SUGG, Assistant Professor of Bacteriology and Immunology.
B.S. 1926, Ph.D. 1931, Vanderbilt.
- GERALD R. JAMEISON, Assistant Professor of Psychiatry.
Associate Psychiatrist and Medical Director of the Payne Whitney Psychiatric Clinic, New York Hospital.
M.D. 1918, Albany Medical College.
- HORACE S. BALDWIN, Assistant Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital.
B.S. 1917, Wesleyan University; M.D. 1921, Cornell.

- EDWARD TOLSTOI, Assistant Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital.
A.B. 1919, Yale; M.D. 1923, Cornell.
- NELSON W. CORNELL, Assistant Professor of Clinical Surgery (Orthopedics).
Associate Attending Surgeon, New York Hospital.
A.M. 1918, M.D. 1921, Cornell.
- ADE T. MILHORAT, Assistant Professor of Medicine.
Assistant Attending Physician, New York Hospital; Clinical Assistant, Bellevue Hospital.
A.B. 1924, Columbia University; M.D. 1928, Cornell.
- CHESTER L. YNTEMA, Assistant Professor of Anatomy.
A.B. 1926, Hope College; Ph.D. 1930, Yale.
- ARTHUR F. ANDERSON, Assistant Professor of Clinical Pediatrics.
Associate Attending Pediatrician, New York Hospital.
M.D. 1916, Tufts.
- D. MURRAY ANGEVINE, Assistant Professor of Pathology.
Assistant Pathologist, New York Hospital.
B.A. 1924, Mt. Allison University; M.D. 1929, McGill.
- THOMAS P. MAGILL, Assistant Professor of Bacteriology and Immunology.
A.B. 1925, M.D. 1930, Johns Hopkins.
- CLAUDE E. FORKNER, Assistant Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital.
A.B. 1922, M.A. 1923, University of California; M.D. 1926, Harvard.
- CARL H. SMITH, Assistant Professor of Clinical Pediatrics.
Associate Attending Pediatrician, New York Hospital.
B.A. 1915, College of the City of New York; M.A. 1917, Columbia; M.D. 1922, Cornell.
- JAMES H. WALL, Assistant Professor of Clinical Psychiatry.
Psychiatrist to Out-Patients, New York Hospital.
M.D. 1927, The Jefferson Medical College.
- ANDREW A. MARCHETTI, Assistant Professor of Obstetrics and Gynecology.
Associate Attending Obstetrician and Gynecologist, New York Hospital.
A.B. 1924, University of Richmond, M.D. 1928, Johns Hopkins.
- BENJAMIN I. ASHE, Assistant Professor of Clinical Medicine.
Associate Visiting Physician, Bellevue Hospital.
B.S. 1920, College of City of New York, M.D. 1924, Cornell.
- BENJAMIN S. BARRINGER, Assistant Professor of Clinical Surgery (Urology).
Attending Surgeon, Memorial Hospital.
B.S. 1899, New York University; M.D. 1902, Cornell.

- WILLIAM A. COOPER, Assistant Professor of Clinical Surgery.
Assistant Attending Surgeon, New York Hospital.
A.B. 1928, Stanford University; M.D. 1932, Cornell.
- HERBERT CONWAY, Assistant Professor of Clinical Surgery.
Associate Attending Surgeon, New York Hospital.
M.B. 1928, B.S. 1929, M.D. 1929, M.S. 1932, University of Cincinnati.
- ARCHIE L. DEAN, JR., Assistant Professor of Clinical Surgery (Urology).
Assistant Attending Surgeon (Urology), New York Hospital.
Associate Attending Surgeon, Memorial Hospital.
B.S. 1913, M.D. 1917, Cornell.
- FRANK GLENN, Assistant Professor of Clinical Surgery.
Associate Attending Surgeon, New York Hospital.
M.D. 1927, Washington University.
- KENDRICK HARE, Assistant Professor of Anatomy.
A.B. 1930, M.S. 1934, University of Alabama; Ph.D. 1936, Northwestern.
- GEORGE M. HASS, Assistant Professor of Pathology.
Assistant Pathologist, New York Hospital.
M.D. 1929, Harvard.
- CRANSTON HOLMAN, Assistant Professor of Clinical Surgery.
Assistant Attending Surgeon, New York Hospital.
Assistant Visiting Surgeon, Bellevue Hospital.
A.B. 1927, M.D. 1930, Stanford.
- LEON I. LEVINE, Assistant Professor of Clinical Medicine.
Physician to Out-Patients, New York Hospital.
Associate Visiting Physician, Bellevue Hospital.
B.S. 1918, College of City of New York; M.D. 1922, Cornell.
- RICHARD W. LINTON, Assistant Professor of Pathology.
A.B. 1922, Harvard; M.A. 1926; Ph.D. 1928, Columbia.
- DOUGLASS PALMER, Assistant Professor of Clinical Medicine.
Physician to Out-Patients, New York Hospital.
A.B. 1909, Williams; M.D. 1915, Cornell.
- BRONSON S. RAY, Assistant Professor of Surgery.
Associate Attending Surgeon, New York Hospital; Clinical Assistant, Bellevue Hospital.
B.S. 1924, Franklin; M.D. 1928, Northwestern.
- MILTON J. E. SENN, Assistant Professor of Clinical Pediatrics (in Psychiatry).
Associate Attending Pediatrician, New York Hospital.
B.S. 1925, M.D. 1927, University of Wisconsin.
- WILLIAM H. SUMMERSON, Assistant Professor of Biochemistry.
B.Chem. 1927, M.A. 1928, Ph.D. 1937, Cornell.

LEONA BAUMGARTNER, Assistant Professor of Public Health and Preventive Medicine.

A.B. 1923, M.A. 1925, Kansas; Ph.D. 1932, M.D. 1934, Yale.

HERBERT M. BERGAMINI, Assistant Professor of Clinical Surgery.
Visiting Surgeon, Bellevue Hospital.

Litt.B. 1913, Rutgers; M.D. 1917, Columbia.

JACOB BUCKSTEIN, Assistant Professor of Clinical Medicine.
Visiting Roentgenologist, Bellevue Hospital.

B.S. 1911, College City of New York; M.D. 1915, Cornell.

ROBERT O. DU BOIS, Assistant Professor of Clinical Pediatrics.
Associate Attending Pediatrician, New York Hospital.

A.B. 1915, M.D. 1919, Columbia.

HARRY H. GORDON, Assistant Professor of Pediatrics.
Associate Attending Pediatrician, New York Hospital.

A.B. 1926, M.D. 1929, Cornell.

KRISTIAN G. HANSSON, Assistant Professor of Clinical Surgery (Orthopedics).

Director, Physiotherapy, New York Hospital.

A.B. 1920, M.D. 1923, Cornell.

MILTON HELPERN, Assistant Professor of Clinical Medicine.
Physician to Out-Patients, New York Hospital; Associate Visiting Physician, Bellevue Hospital.

B.S. 1922, College of the City of New York; M.D. 1926, Cornell.

JOHN P. HERVEY, Assistant Professor of Biophysics.

A.B. 1928, S.M. 1929, Harvard.

FREDERICK C. HUNT, Assistant Professor of Clinical Pediatrics.
Associate Attending Pediatrician, New York Hospital.

M.D. 1924, Western Ontario.

MARTIN G. LARRABEE, Assistant Professor of Physiology.

A.B. 1932, Harvard; Ph.D. 1937, Pennsylvania.

GLENN A. MILLIKAN, Assistant Professor of Physiology.

B.S. 1927, Harvard; Ph.D. 1932, Cambridge.

FRANK H. PETERS, Assistant Professor of Clinical Medicine.
Physician to Out-Patients, New York Hospital; Visiting Physician, Bellevue Hospital.

M.D. 1920, Columbia.

ARTHUR J. RAWSON, Assistant Professor of Biophysics.

A.B. 1923, M.E. 1930, Swarthmore.

GENERAL STATEMENT

HISTORY

CORNELL UNIVERSITY MEDICAL COLLEGE was established by the Board of Trustees of Cornell University on April 14, 1898, when they elected Dr. William M. Polk Director of the College and Dean of the Medical Faculty, and appointed six professors. The medical college was made possible by the munificence of Colonel Oliver H. Payne, who provided the funds for the erection of the original building of the medical college located at 28th Street and First Avenue, and pledged his support to the new institution. For several years he provided funds for the annual support of the college and later placed the institution on a secure foundation by making generous provision for its permanent endowment by a gift of over four million dollars.

In October, 1898, instruction began in temporary quarters. As the medical college admitted a number of students to advanced standing, Cornell University granted the degree of Doctor of Medicine for the first time in 1899.

The Cornell University Medical College from its foundation has undertaken to carry out two allied activities, the development of physicians of the best type and the extension of medical knowledge by means of research. The medical faculty has held from the beginning of its existence the attitude that these two functions are necessary as constituting a true university school. It is committed not only to conduct teaching of high order, but also to study disease and the sciences underlying medicine in order to add to medical knowledge.

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Cornell University Medical College and the New York Hospital have been cooperating for a long time in an arrangement for medical teaching. In September, 1932, however, the two institutions took up occupancy in the same plant.

The New York Hospital was founded by Royal Charter on June 13, 1771, in the reign of King George III, and has stood throughout the life of the nation as one of the foremost hospitals in the United States, as an institution rendering service to the sick and injured, and as a center of medical education. For a number of years the hospital and the medical college had been partially affiliated. In June, 1927, an agreement was entered into between Cornell University and the New York Hospital by which the New York Hospital-Cornell Medical College Association was formed for the purpose of bringing together their facilities and cooperating in the care of patients, in medical education, and in medical research. In order to harmonize the interests of the hospital

and of the medical college, the Joint Administrative Board was formed, consisting of three representatives of each institution and a seventh member elected by those appointed by the hospital and by the university.

Additional endowment was secured by each institution. A group of buildings was erected along the East River between 68th and 71st Streets, adjoining the Rockefeller Institute for Medical Research. The new plant affords separate buildings for each of the various laboratory departments, and includes approximately 1000 hospital beds. Provision is made for medicine, surgery, obstetrics and gynecology, pediatrics, and psychiatry in five distinct clinical units.

The faculty of the medical college and the professional staff of the hospital are organized so as to form one body established on a university basis.

The new plant affords very favorable conditions for the conduct of medical education, for the pursuit of medical research, and for the care of patients in all phases of medical practice.

FACILITIES FOR INSTRUCTION

From the point of view of medical instruction, the facilities provided by the plant of the New York Hospital-Cornell Medical College Association are in many respects unexcelled. The plant consists of eleven buildings, joined either directly or by underground passages. These provide ample accommodations for the care of hospital patients, for the teaching of the clinical branches, and for the various activities connected with the work of the preclinical departments of the medical college.

CORNELL MEDICAL COLLEGE. Instruction in the medical sciences is conducted in a group of buildings extending along York Avenue from 68th to 70th Streets, centering in a court at the end of 69th Street where the entrance to the medical college is located. This group comprises four units facing on York Avenue each of which is five stories high. The extreme northern and southern buildings connect with the central group by means of two-story structures. In this series of buildings the one to the north (unit A) is devoted entirely to the department of anatomy; the one next to this on the south (unit B) to bacteriology and immunology; the third (unit D) to physiology; and the fourth (unit E) to biochemistry and pharmacology. A seven-story building (unit C) joins the buildings B and D in the center and in this are the offices of the medical college, the library, and the department of pathology. This central building of the college is joined on all floors with the central hospital building. Certain of the laboratories of the department of public health and preventive medicine are located in the two-story building which adjoins the bacteriology unit to the north but the major part of this department is comprised in the Kips Bay-Yorkville Health Center building of the City of New York, located one-half a block west from the medical college on 69th Street.

In the main buildings of the medical college, student laboratories and lecture rooms are provided on the second and third floors, and extensive facilities for research by staff and students are available on other floors. Locker rooms are provided for the use of students. A cafeteria under the direction of the chief dietitian of the New York Hospital is maintained for students and faculty.

NEW YORK HOSPITAL. Clinical instruction is given in the five separate clinics forming the New York Hospital. The medical and surgical clinics occupy the central hospital building, while the women's clinic, the pediatric clinic, and the psychiatric clinic extend from north to south, overlooking the East River. Each clinic contains, besides provision for bed-patients, its own out-patient department, lecture rooms and laboratories for routine study and for clinical research. Special provision has also been made for the laboratory work of students. The medical clinic occupies the second to fourth floors of the central hospital building, with six pavilions for bed-patients, three floors for its out-patient department, and extensive laboratories for chemical, physiological, and biological research. The surgical clinic occupies the pavilions from the fifth to the ninth floor, with out-patient and other facilities for the various surgical specialties. The operating rooms are on the tenth and eleventh floors. Above are six floors containing one hundred rooms for private patients, while the living quarters for the resident staff are on the six floors at the top of the building. The entire hospital has a capacity of approximately 1,000 beds.

The head of each clinic, responsible for the care of patients and the conduct of the professional services of the hospital, is also professor in charge of the corresponding department of the medical college. Each clinical department is staffed in part by teachers and clinicians, including the professor in charge, who devote their entire time to the service of the college and hospital, while other members of these departments devote part of their time to private practice.

OTHER HOSPITALS FOR CLINICAL INSTRUCTION

Although the clinical teaching is conducted largely in the New York Hospital, advantage is also taken of special facilities afforded by other hospitals. In some of these hospitals the staff appointments are controlled by the medical college, while in others the teaching privileges have been granted to the members of the staffs who are also members of the medical college faculty.

BELLEVUE HOSPITAL. Bellevue is the central hospital of the New York City Department of Hospitals. It contains 2,300 beds and is devoted to the treatment of acute diseases. It is organized in four divisions, one of which has been placed at the disposal of the faculty of Cornell University Medical College for medical instruction. The services conducted by the college include a medical service and a surgical service, each of 90 beds, a urological service and a neurological service

of approximately 60 beds each. The staffs of these services are nominated by the college from among the members of its faculty and teaching staff, and the medical college is responsible for the professional conduct of these services.

MEMORIAL HOSPITAL. Through the generosity of the late Dr. James Douglas, who provided the hospital with an endowment for the study and treatment of cancer and allied diseases, the Memorial Hospital became affiliated in 1914 with Cornell University Medical College. According to an agreement between the Memorial Hospital and the College, the professional staff is named by the Council of the Medical College subject to the approval of the board of managers of the hospital. The facilities of the hospital, which are of exceptional value in the field of cancer, are available for study in this field by the members of the hospital staff, and unusual opportunities are afforded for instruction in the pathology, diagnosis, and treatment of neoplastic diseases.

THE JOHN E. BERWIND FREE MATERNITY CLINIC. An affiliation having been consummated between the John E. Berwind Free Maternity Clinic and Cornell University Medical College, the medical direction of the clinic is placed under the control of the college. The medical staff, including the resident and house staffs, is appointed by the clinic only on nomination by the medical college.

Cornell students are assigned to the clinic for practical instruction under the direction of the Professor of Obstetrics and Gynecology.

When Cornell students have been provided for, vacancies in the student staff will be filled by appointment. Application for such assignments should be made to the Superintendent of the Clinic, 125 East 103rd Street, New York, N. Y.

MANHATTAN STATE HOSPITAL, WARD'S ISLAND. This hospital for the care and treatment of mental diseases accommodates over 5,000 patients. Through the courtesy of the superintendent, the Department of Psychiatry is enabled to utilize this clinical material for bedside study of patients and for the instruction of students.

ST. LUKE'S HOSPITAL. Teaching privileges have been granted for surgical instruction which is conducted under the direction of a professor in Cornell University Medical College who is Director of Surgery, St. Luke's Hospital. The surgical service of this splendid institution affords valuable opportunities for the study of surgery.

WILLARD PARKER HOSPITAL. Instruction in infectious diseases is conducted at the Willard Parker Hospital, where staff positions are held by members of the faculty and teaching staff who have the privilege of conducting medical instruction.

LINCOLN HOSPITAL. This unit of the New York City Department of Hospitals has a bed capacity of 233 and facilities for handling cases in all divisions of clinical work. Through cooperative arrangements made possible by members of our teaching staff holding assignments on the hospital staff, a certain part of the teaching of medicine in the second

year course is carried out on the wards of Lincoln Hospital. The abundance of clinical material and the type of disease met with in this institution afford a valuable adjunct to the work in this part of the medical course.

NEW YORK EYE AND EAR INFIRMARY. This institution has the distinction of being the oldest specialty hospital in this country. Located at the same site, Second Avenue and Thirteenth Street, since 1856, it has built up a staff of high excellence and with its very large patient attendance averaging over 600 visits daily, unparalleled opportunities are offered for the teaching of these specialties. Through co-operative arrangements with our division of ophthalmology, fourth year students receive a part of their training in the wards and outpatient department of this hospital.

THE RUSSELL SAGE INSTITUTE OF PATHOLOGY

This institute has been associated with Cornell University Medical College since 1913, through its affiliation with the Second Medical (Cornell) Division of Bellevue Hospital. It has supported research work in metabolism conducted by the members of the Department of Medicine. Dr. Eugene F. Du Bois, Professor of Medicine, is the medical director of the institute. The respiration calorimeter which was operated for a number of years by Dr. Du Bois at Bellevue Hospital has been transferred by the directors of the institute to the New York Hospital, and sufficient funds for carrying on the important metabolic studies of the staff have been provided by the institute.

THE LOOMIS LABORATORY

Founded in 1886 this institution served the purpose of undergraduate instruction in the Medical College building at 477 First Ave. and provided facilities for original research in the various departments of laboratory investigation. The present Medical College building contains space dedicated to the original Loomis Laboratory and its established objectives.

THE LIBRARY

The reading room of the library is situated on the second floor of the central group of laboratory buildings, directly over the entrance of the medical college. The current journals are kept in racks about three sides of the room. The book stacks are directly behind and open to the reading room, extending down to the sub-basement with six floors of stacks and accommodations for about 100,000 volumes. There is also a library seminar room, and several rooms for the library staff.

The library contains at the present time about 24,000 volumes, largely made up of complete sets of important journals in the fields of clinical medicine and the medical sciences, in English, German, and French. There are also well-selected collections of monographs, textbooks, and reprints.

Several of the departments of the medical college have libraries containing journals, monographs, and text books pertaining especially to the subject matter of the department. These serve to supplement in a useful way the scope of the main library.

The library is under the direction of a committee of the faculty, and in charge of a trained librarian who gives instruction to students on the proper methods of using the library and of searching medical literature.

A special fund, maintained in memory of Alfred Moritz Michaelis, M.D., Cornell 1925, who died the year after his graduation, is used for the purchase of books of cultural and historic value in medicine.

In addition to the college library, students may obtain certain privileges at the library of the New York Academy of Medicine, Fifth Avenue and 103rd Street, the second largest medical library in the United States.

REQUIREMENTS FOR ADMISSION AND GRADUATION

The faculty of Cornell University Medical College, in defining the qualifications for admission to the medical profession, attaches particular importance to the liberal culture and general education implied by the acquisition of a college degree in arts or science. Accordingly, only the following classes of candidates for the degree of Doctor of Medicine are admitted to Cornell University Medical College:

I. Graduates of approved colleges or scientific schools; *or*

II. Seniors in good standing in approved colleges or scientific schools upon condition that their faculty will permit them to substitute the first year in Cornell University Medical College for the fourth year of their college course, and will confer upon them the baccalaureate degree upon the satisfactory completion of the first year's work in medicine. No student admitted under this clause is permitted to enter the second year of the curriculum without having obtained a baccalaureate degree.

All candidates for admission shall have satisfactorily completed, in an approved college, the following basic courses, the majority of which are prescribed also as the minimum requirement for the issuance of a qualifying certificate by the New York State Education Department:

Biology.....	6 semester hours*
Including laboratory work	
Chemistry.....	12 semester hours
8 hours of inorganic, including qualitative analysis and	
4 hours of organic chemistry.	
English.....	6 semester hours
Modern language.....	6 semester hours
French or German	
Physics.....	6 semester hours
Including laboratory	

The group of subjects outlined above represent thirty-six credit hours which is probably sufficient time to enable the student to obtain a basic preparation in these different fields. In many colleges, however, additional credits in one or more of these departments are required of the candidate in order to satisfy major requirements for the degree. In making the choice of elective courses, consideration should be given to the principle that thorough training in the sciences is essential. On the other hand, too many elective courses in these departments may not provide the most acceptable preparation for medicine, since it tends to limit the time available for study in other departments offering work of a broad educational value.

The work in organic chemistry is particularly valuable and should be carried far enough to give a thorough command of this subject; likewise, a course in quantitative analysis will be found most useful in

*A semester hour is the credit value of at least sixteen weeks' work, consisting of one hour of lecture or recitation or two or more hours of laboratory work, per week.

rounding out the training in chemistry. A course in comparative embryology affords a good background on which to build the teaching in this subject in the early part of the medical course. A reading knowledge of both German and French is highly recommended and if only one can be fitted into the college course, the student will find that German is the language he is called upon most frequently to use in scientific references. It is also suggested that students follow mathematics of college grade up to and including calculus, if advanced work in medical sciences is contemplated. Students planning to study medicine should bear in mind that bacteriology, immunology, human physiology, and abnormal psychology are properly subjects of the medical, and not of the pre-medical curriculum. In planning pre-medical work students are advised to elect subjects which will lay a broad foundation for medical study rather than to anticipate courses required as a part of the medical curriculum.

As a general rule the courses given in professional schools of Pharmacy, Veterinary Medicine, and Agriculture are not considered as fulfilling adequately the admission requirements.

APPLICATIONS FOR ADMISSION

All applications and inquiries regarding admission are to be addressed to the Assistant Dean, from whom application forms may be obtained. Applications for admission should be submitted not later than January of the calendar year in which admission is desired, and should be followed promptly by an official transcript of the college record. A recent unmounted photograph of the applicant must be attached to each application.

It is impossible for the Committee on Admissions to hold personal conferences with all candidates for admission as the number is too great but selected individuals from the group of applicants receive an invitation to appear before members of the Committee.

Applications are passed upon by the Committee on Admissions after all credentials have been filed. Candidates are notified as promptly as possible of the decision of the Committee. Accepted applicants are required to make a deposit of one hundred dollars within a specified time, usually two weeks after notification of favorable action on their application. This deposit is *not returnable*, but is credited toward the first tuition payment. If he fails to make this deposit within the time specified the applicant forfeits his place in the medical college.

A medical student's qualifying certificate, issued by the New York State Education Department signifying that its requirements have been met, must be secured before registration by each student accepted for admission. An application blank for the certificate with full instructions will be sent by the college to each student admitted.

ADMISSION TO ADVANCED STANDING

When vacancies occur, students may be admitted to advanced standing under the following conditions:

Applications for advanced standing should be filed according to the procedure described for admission to the first year class, accepted applicants being required to make the deposit of one hundred dollars. Applicants must not only furnish acceptable evidence of having satisfactorily completed in an approved medical school all the work required of students of the class they wish to enter, but also of having completed the conditions of admission to the first year class at Cornell University Medical College. They must also present a certificate of honorable dismissal from the medical school or schools they have attended.

Examinations may be required in any of the medical courses taken at another school.

ADVANCEMENT AND EXAMINATIONS

Although the medical course comprises a large number of subjects distributed in four calendar years the student advances in the course in steps of an academic year at a time. It is necessary that he complete all subjects listed in a given year of the course before taking up the next succeeding group of subjects, and to be *readmitted* to the medical college in one of the advanced years (second, third, or fourth) he must be approved for promotion by the Faculty.

At the close of the college session in June examinations are given in all subjects excepting those extending through a part of the year only, in which examinations may be held at the close of the course in the hours allotted thereto. In making up a student's rating in a given course, all work covered in that subject during the year is taken into account and due weight assigned to the effort he puts into his work, his seriousness of purpose, and his scholastic resourcefulness, as well as the results of the final examination.

At the close of the academic year a *final* rating is compiled for each student based on the results of his performance in all courses in the curriculum of that year. These final ratings of students are made on the recommendations of the Committee on Promotion and Graduation, then reviewed and finally adopted by the Faculty. This final classification of student performance in the medical course is as follows:

1. Students with no encumbrances in any subjects are recorded as "passed."
2. Students with an unsatisfactory rating in 40% or more of the required hours in a given year are recorded as "not passed."
3. Students with an unsatisfactory rating in less than 40% of the required hours of a given year are recorded as "conditioned."

A rating of "passed" confers eligibility for re-admission into the medical college in the next higher class, unless by reason of conduct the Faculty considers the student unsuited for the profession of medicine. A rating of "not passed" carries ineligibility for re-admission into the medical college. A "conditioned" student has failures in certain required courses and he may be re-examined in these subjects, but only after pursuing additional work under the direction of the head

of the department in which a failure has occurred, through at least one term, or during a summer vacation.

Students who fail on re-examination are ineligible for re-admission into the medical college, unless under special circumstances, they are permitted by the Faculty to repeat courses in which failures have occurred. Students repeating any work may be forbidden by the Faculty to take all or some of the courses they would normally carry.

Any student who by quality of work or conduct indicates an unfitness to enter the profession of medicine may, at the discretion of the Faculty, be required at any time to withdraw from the medical college.

It is a well established policy of the medical college to make no announcement to students of grades received in any subject of the medical course.

REQUIREMENTS FOR GRADUATION

The candidates for the degree of Doctor of Medicine must have attained the age of twenty-one years, and be of good moral character. They must have spent at least four years of study as matriculated medical students, the last of which must have been in Cornell University Medical College. They must have satisfactorily completed all the required work of the medical curriculum, must have passed all prescribed examinations, and be free from indebtedness to the college. At the end of the fourth year every student who has fulfilled these requirements will be recommended to the President and Trustees of Cornell University for the degree of Doctor of Medicine.

EXAMINATIONS FOR MEDICAL LICENSURE

Graduates of Cornell University Medical College are admitted unconditionally to the examinations for license to practice medicine in all states of the United States.

In New York State all credentials for admission to examinations for license should be filed with the State Education Department at least fifteen days before the examinations are held. In 1941 these examinations will be held in February, June, and September (dates to be announced) at New York, Albany, Syracuse, and Buffalo. For complete information write to The Secretary, Board of Medical Licensure, Albany, New York.

Students and graduates of Cornell University Medical College are admitted to the examinations of the National Board of Medical Examiners, whose certificate is accepted by the Surgeons-General of the Army and Public Health Service of the United States and by the boards of medical licensure of forty-two states, Puerto Rico, Hawaii, and the Canal Zone. This certificate is also recognized by the respective authorities of England, Scotland, and Ireland. Although national in scope and organized under the laws of the District of Columbia, the National Board of Medical Examiners is not to be confused as a Federal Government agency. For information write to The National Board of Medical Examiners, 225 South Fifteenth Street, Philadelphia, Pa.

GENERAL INFORMATION

FEES AND EXPENSES

All fees for instruction and other charges are paid at the Business Office of the Medical College, Room F-106, 1300 York Avenue, New York, N. Y.

TUITION FEES:

For students of the class of 1943 and succeeding classes \$600 per year.
For students of the classes 1941 and 1942 \$500 per year.

These fees are payable at the beginning of the academic year or in two equal parts, in which case the first payment must be made at registration and the second on January 15. No refund or rebate will be made in any case.

An advance of \$100 on account of tuition is required of all applicants accepted for admission *and is not returnable*. At matriculation it is credited toward tuition.

MATRICULATION FEE \$10

This fee is payable only once, on admission.

OBSTETRICS FEE \$15

This is a special fee, payable at the beginning of the *third* year.

GRADUATION FEE \$25

This fee is payable on January 15.

BREAKAGE DEPOSIT \$10

This deposit is required of first and second year students at the beginning of each academic year, and will be returned, less the amount charged for breakage, at the end of the year.

STUDENTS OF THE GRADUATE SCHOOL:

For fees, see page 82.

SPECIAL STUDENTS:

For fees, see page 83.

All students entering the medical college are required to provide themselves with satisfactory microscopes. Haemocytometers and haemoglobinometers will be required at the beginning of the third trimester of the second year. The necessary books are conservatively estimated to cost about \$75 a year.

All students should assure themselves that they can carry the financial burdens involved with reasonable certainty up to the time of graduation. Experience has proved that the student will need his entire time and undivided interest for study. It is unwise to depend

upon earning any part of one's expenses during the college year. A student indebted to the college is ineligible for graduation.

STUDENT HEALTH SERVICE

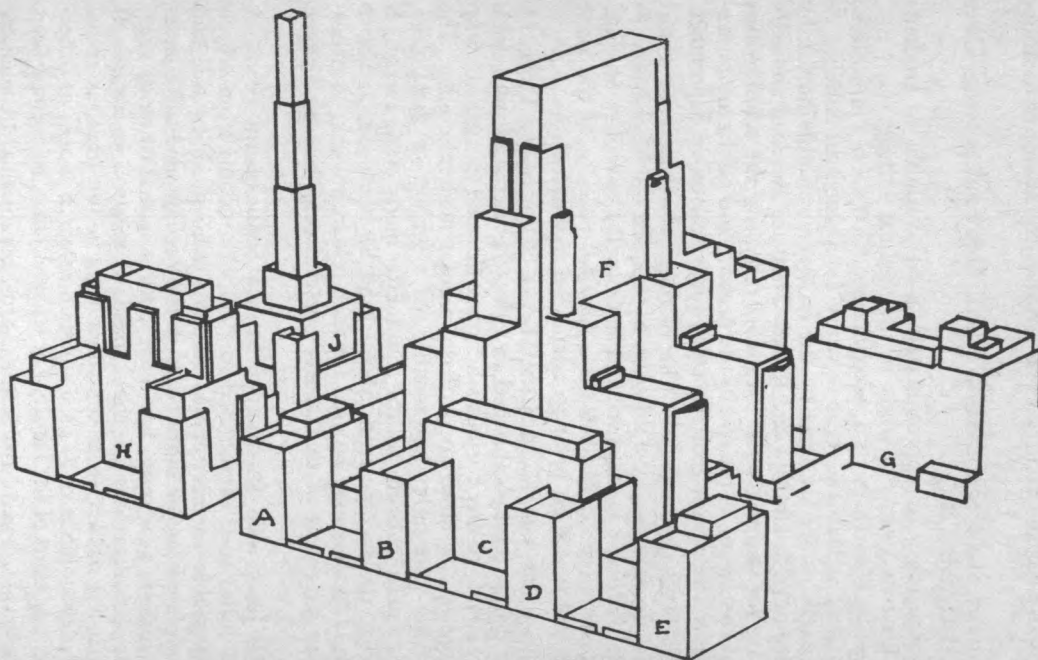
Members of the first year class and students transferred from other colleges are required to have a physical examination by a member of the Student Health staff. X-ray examinations of the lungs are made yearly. Students are re-examined at the end of their medical course. Daily office hours between one and two p. m. are held by the Student Health staff. Students pay no fee for the services of this staff, but must pay for special X-ray examination, hospitalization, and remedies. Health records are kept and students are advised concerning their physical condition and general health. All cases of illness must be reported to the college office. Students may have in attendance physicians of their own choice, but a reasonable amount of cooperation between such physicians and the college Health Service is expected.



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE
From the East showing Hospital



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE
From the West showing Medical College



KEY TO THE PHOTOGRAPH ON THE OPPOSITE PAGE

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|----------------------------------|--------------------------------------|
| A: Anatomy. | E: Biochemistry and Pharmacology. |
| B: Bacteriology and Immunology. | F: New York Hospital. |
| C: Administration and Pathology. | G: Payne Whitney Psychiatric Clinic. |
| D: Physiology. | H: Nurses' Residence. |
| J: Service and Power. | |

SCHOLARSHIPS

1. THE JOHN METCALFE POLK SCHOLARSHIP. A gift under the will of William Mecklenberg Polk, the first Dean of the medical college, is awarded annually by the faculty. The scholarship amounts to about \$200 a year.

2. THE THORNE SHAW SCHOLARSHIP FUND. This fund provides three scholarships designated as:

First: A scholarship of approximately \$400 available to students after at least two years of study in the medical college.

Second: Two scholarships of approximately \$200 each available to students after at least one year of study in the medical college.

These scholarships are awarded by the faculty upon nomination by the Committee on Scholarships and Prizes. They are awarded annually in June and are for one year only. Students receiving the scholarships are notified of the award at the end of the session, and public announcement is made at the opening of the subsequent session in September.

3. MARY F. HALL SCHOLARSHIP. The income, amounting to about \$120 annually, from a fund established by bequest of Miss Mary F. Hall, is available to any woman student in Cornell University Medical College who needs its aid and who is a *bona fide* resident of the State of New York and was such prior to admission to the college.

4. THE 1936 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND. A five thousand dollar fund established in 1936, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during any year the income from above fund be not used, as above stated, then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

5. THE 1939 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND. A five thousand dollar fund established in 1939, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during any year the income from the above fund be not used, as above stated, then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

6. THE JEREMIAH S. FERGUSON SCHOLARSHIP. Established in memory of Jeremiah S. Ferguson, who throughout his long connection with the Medical College, of somewhat more than forty years, devoted much effort to helping students with their individual problems and promoting their professional careers. The fund amounts to \$5,000, the income from which, approximately \$200 a year, shall be awarded annually by

the Committee on Scholarships and Prizes to a student or students in the third and fourth year classes in the Medical College who are in need of financial aid and who by conduct and scholarship have proved worthy investments.

7. **THE CHARLES RUPERT STOCKARD SCHOLARSHIP.** A ten thousand dollar fund was established in 1939 by a friend of the late Charles Rupert Stockard, Professor of Anatomy in the Cornell University Medical College from 1911-1939. The interest of this fund is to be awarded either to one student (approximately \$400) or two students (approximately \$200 each) who have shown promise in the work in the Department of Anatomy and who are desirous of doing advanced work in this department. The scholarships are to be awarded by the Executive Faculty upon nomination by the head of the Department of Anatomy.

8. **THE DR. JOHN A. HEIM SCHOLARSHIPS.** Established under the will of John A. Heim of the class of 1905 and to provide such number of free scholarships in the medical college as there shall be funds available for the purpose. The awards are to be made to regularly matriculated medical students of good scholarship and who are in need of financial assistance. The terms of the bequest provide that "After determining the student's eligibility for one of such scholarships, a competitive examination or examinations applicable to the respective grade of such student shall be given, and the scholarship shall be awarded on the respective order of merit as determined by such examinations." "Each scholarship shall be in an amount adequate to pay the necessary cost of tuition, laboratory fees, and prescribed books required during the specific year." First year students are eligible, provided they meet the standards prescribed.

PRIZES

1. **FOR GENERAL EFFICIENCY.** In commemoration of John Metcalfe Polk, an instructor in this college, who was graduated from Cornell University Medical College on June 7, 1899, and died on March 29, 1904, prizes will be presented at each commencement to the three students having the highest standing for the four years' work. Only those who have taken the full course of study at Cornell University Medical College are eligible. The first prize is \$250, the second \$100, and the third \$50.

2. **FOR EFFICIENCY IN GYNECOLOGY.** Established by Mrs. W. M. Polk in memory of William Mecklenburg Polk, M.D., LL.D., Dean and Professor of Gynecology in Cornell University Medical College from its founding in 1898 until his death, June 23, 1918, annual prizes are awarded to three members of the senior class, in order of merit, for special distinction in gynecology. The first prize is \$125, the second \$75, and the third \$50.

3. **FOR EFFICIENCY IN OTOTOLOGY.** Two prizes, the first of \$50, the second of \$25, are offered by Professor Frederick Whiting to the two students of the graduating class who make the best records in otology.

4. **FOR EFFICIENCY IN OBSTETRICS.** Two prizes, the first of \$60, the second of \$30, have been endowed by an anonymous donor in recognition of the work of Dr. Gustav Seeligman in obstetrics, to be given to the two students of the graduating class who have made the best records in obstetrics.

5. **FOR EFFICIENCY IN GENERAL MEDICINE.** The income of \$1,000 is offered as a prize for general efficiency in the Department of Medicine, in commemoration of Alfred Moritz Michaelis, who was graduated from Cornell University Medical College on June 11, 1925, and who died during his internship at Mt. Sinai Hospital, April 24, 1926. Presented at each commencement to a member of the graduating class who has pursued the full course at Cornell University Medical College.

6. **FOR EFFICIENCY IN RESEARCH.** In memory of William Mecklenburg Polk, M.D., LL.D., first dean of the medical college, two prizes are offered to regularly matriculated students of the Cornell University Medical College, the first of \$200, and the second of \$50.

The awards are made annually at the opening exercises of the medical college in September for the best reports presented in writing of research work done by students, or for valuable reviews and logical presentations on medical subjects not to be found fully considered in a single text or reference book. If the papers submitted are not considered worthy of special commendation the prizes will be withheld.

Papers are submitted in quadruplicate in a sealed envelope marked, "Dean William Mecklenburg Polk Memorial Prize Committee," and must be in the Administrative Office not later than the first day of September.

The committee of awards for this prize consists of two members of the faculty from laboratory departments, and two from clinical departments.

LOAN FUNDS

1. **THE 1923 LOAN FUND.** This fund amounts to \$350 a year and is available as a loan to students needing financial assistance, preferably to a third year student.

2. **ALUMNI ASSOCIATION LOAN FUNDS.** The Alumni Association of the Medical College is able to aid a few students in meeting their expenses by the Jessie P. Andresen Memorial Fund and the Class Student Loan Funds. The loans made from these funds will be administered by the Board of Directors of the Alumni Association. The medical college is consulted in making these awards. Students in the upper classes will be given preference.

3. **STUDENT LOAN FUND.** A revolving fund founded by students in the medical college is available to members of the third and fourth year classes who are in need of assistance.

ALPHA OMEGA ALPHA

Alpha Omega Alpha is a non-secret, Medical College Honor Society, membership in which is based upon scholarship, moral qualifications being satisfactory. It was organized at the College of Medicine of the University of Illinois, Chicago, August 25, 1902. A.O.A. is the only order of its kind on this continent.

Elections are made from students who have fully completed 2 years of a four-year curriculum, by unanimous vote of the active members acting on recommendations made by faculty advisers. Not more than one sixth of any class may be elected. As aspects of and indispensable to true scholarship come open-mindedness, individuality, originality, demonstration of studious attitude, and promise of intellectual growth.

The Cornell Chapter of A.O.A. was organized May 2, 1910. Students are elected from the two upper classes in the fall of each year. A large number of the faculty are members and play an active part in the functions of the society, which comprise an initiation-dinner and occasional meetings and discussion groups. The Chapter also sponsors an annual open lecture delivered in the Medical School Auditorium on a cultural or historical phase of medicine.

CORNELL UNIVERSITY MEDICAL COLLEGE
ALUMNI ASSOCIATION, INC.

Officers

Guilford S. Dudley, '13	President
John H. Morris, '14	Vice-President
James H. Kidder, '28	Secretary
A. Parks McCombs, '29	Treasurer
Samuel A. Cosgrove, '07	Council Representative

Each graduate of Cornell University Medical College is automatically considered a member of the Alumni Association. The dues are \$2 a year, starting one year after graduation. Besides an annual banquet, the activities of the Association include a quarterly publication, student loan funds, employment bureau, and work by committees of sons and daughters of Alumni, and internships and residencies. The Association maintains an office at 1300 York Avenue.

EDUCATIONAL POLICIES AND PLAN OF INSTRUCTION

The medical college is divided into thirteen major departments, six of which are primarily concerned with the sciences underlying clinical medicine. They are anatomy, biochemistry, physiology, bacteriology and immunology, pathology, and pharmacology. Seven departments have as their major functions the study, treatment, and prevention of human disease, and maternity care. These are medicine, surgery, pediatrics, psychiatry, obstetrics and gynecology, public health and preventive medicine.

The heads of these major departments, together with the President of the University and the Dean, constitute the Executive Faculty, which is responsible for the educational policies of the college.

Courses required to be completed by each student before the degree of Doctor of Medicine is conferred by Cornell University are offered by each department. These courses are arranged, in their sequence and duration, to develop logically the knowledge and training of students and to build up gradually the requirements needed for graduation as Doctor of Medicine. The various departments also offer courses and opportunities for special study open to regular medical students, to candidates for advanced degrees in the Graduate School of Cornell University, and to qualified advanced students of medicine not candidates for degrees.

Medical knowledge is so extensive that only a small part of that needed for a successful career in medicine can be acquired during the time devoted to medical study by the medical college curriculum. The time devoted by the prospective physician to his preparation for the practice of medicine includes at least one, and often many more years of graduate medical education as intern or resident of a hospital, either in clinical or laboratory work, or both. The required period of study at Cornell University Medical College extends over four academic years of at least thirty-four weeks each. It is planned that studies may be pursued during vacation periods. This will provide an opportunity to shorten the time necessary to complete all required courses and allow more time for elective work. Study in other medical schools may also be arranged during the course if opportunities can be found.

As medical science and medical practice may be pursued in a variety of ways, it is the policy of the college to encourage the student to vary his course of study according to his special interests and particular talents as far as is consistent with meeting the requirements for the degree of Doctor of Medicine.

A thesis is not required for the degree of Doctor of Medicine, but students are encouraged to engage in individual work as far as their

time permits, with the hope that they may accomplish results worthy of publication. It is therefore desirable for some students to devote all their free time to a single subject in which they have a special interest.

The development of technical and scientific proficiency in the various special fields of clinical medicine is not encouraged during the regular medical course, but must await adequate training after graduation.

The first year of study is devoted to anatomy, biochemistry, physiology, and psychobiology. It is divided into trimesters.

During the second year the required courses in physiology, pathology, bacteriology and immunology, pharmacology, psychiatry, and medicine occupy the first two trimesters. The last is devoted to technical training preparatory to the study of patients, courses being given in the subjects of physical diagnosis, clinical pathology, applied pharmacology, infant feeding, neurology and neuropathology, and ophthalmology.

During the third and fourth years, students are divided into small groups for practical work in the various clinics and for elective work. The third and fourth year classes meet at noon each day for clinical lectures and demonstrations.

Time for elective work is provided in the fourth year, after students have had opportunities to acquire some knowledge of the medical sciences and of clinical medicine. Students are advised to consult informally members of the faculty in regard to the use of their time for elective work. It is deemed best not to establish a formal advisory system.

The faculty expressly reserves the right to make alterations in the curriculum whenever advisable and without previous notice to students.

Anatomy

JOSEPH C. HINSEY, Professor of Anatomy.

JOSE F. NONIDEZ, Professor of Anatomy.

CHARLES V. MORRILL, Associate Professor of Anatomy.

GEORGE PAPANICOLAOU, Associate Professor of Anatomy.

CHESTER L. YNTEMA, Assistant Professor of Anatomy.

KENDRICK HARE, Assistant Professor of Anatomy.

WARNER S. HAMMOND, Instructor in Anatomy.

CHARLES O. WARREN, JR., Research Associate in Anatomy.

GEORGE A. WOLF, JR., Assistant in Anatomy.

I. EMBRYOLOGY AND HISTOLOGY

The work in embryology presupposes a general knowledge of the subject, particularly that of the early development of the chick. It embraces a thorough study of the development of the mammalian embryo in the light of our knowledge of the evolution of the human body. Malformations resulting from developmental disturbances are broadly considered. The course is closely correlated with that of gross anatomy.

The work in histology includes the histogenesis and microscopic structures of all organs of the human body with the exception of the central nervous system (See Neuro-anatomy). Emphasis is laid on the relation of structure to function.

The tissues are studied principally by means of stained sections and practice is given in rapid identification of their diagnostic features. Demonstrations of living material are made and opportunities are offered for acquiring the essentials of histological technique.

Laboratory and lectures, 200 hours, October to March. Required of all first year students.

II. NEURO-ANATOMY

A laboratory course on the gross and microscopic anatomy of the human nervous system. Special emphasis is laid on the more important pathways and their functions.

Laboratory and demonstrations, 90 hours. Required of all first year students during the third term.

III. GROSS ANATOMY OF THE HUMAN BODY

This is taught by means of laboratory exercises and dissections. The required work includes: (a) Dissection of the part. (b) Demonstrations, study, and discussion upon dissected and prepared specimens.

Total laboratory hours, 406. First and second terms of the first year. Required of all first year students.

IV. ELECTIVE COURSES

Subject to the approval of the Department of Anatomy, its equipment is available to medical students desiring to pursue advanced work or research in anatomical subjects. Members of the staff will direct the progress of such undertakings. Schedules to fit individual cases will be arranged for a limited number of fourth year students desiring to devote the major part or all of their elective time in this department.

COURSES OPEN TO SPECIAL STUDENTS¹

1. Gross Anatomy. A limited number of graduates in medicine will be provided with material for dissection of the human body. Fee, \$30 for a term of ten weeks; or for entire dissection, \$50.
2. Anatomical Research. Subject to special arrangement with the head of the department.

¹Fees for the courses do not include matriculation and administration fees.

Bacteriology and Immunology

JAMES M. NEILL, Professor of Bacteriology and Immunology.

JOHN Y. SUGG, Assistant Professor of Bacteriology and Immunology.

THOMAS P. MAGILL, Assistant Professor of Bacteriology and Immunology.

EDWARD JAMES HEHRE, Instructor in Bacteriology and Immunology.

EVELYN JAFFE, Assistant in Bacteriology and Immunology.

The course given to second year students consists of lectures, laboratory work, and group conferences. Emphasis is placed upon the aspects of bacteriology and of immunology that are pertinent to an understanding of the infectious diseases. The course includes an analysis of the actual constituents of a number of important biological products in order to furnish a basis for interpretation of the value and the limitations of their uses in the treatment and prevention of infectious diseases. The study of material from patients is included in the laboratory part of the course, not only to acquaint the student with the technical procedures, but to illustrate the application of fundamental principles to practical methods. 146 hours.

ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to bacteriology and immunology.

Biochemistry

VINCENT DU VIGNEAUD, Professor of Biochemistry.
DEAN BURK, Associate Professor of Biochemistry.
WILLIAM H. SUMMERSON, Assistant Professor of Biochemistry.
JOSEPH P. CHANDLER, Instructor in Biochemistry.
JULIAN R. RACHELE, Instructor in Biochemistry.
GEORGE B. BROWN, Research Associate in Biochemistry.
FRITZ LIPMANN, Research Associate in Biochemistry.
WILLIAM P. ANSLOW, Jr., Assistant in Biochemistry.
FRANCIS BINKLEY, Assistant in Biochemistry.
ARDEN W. MOYER, Assistant in Biochemistry.
JAY R. SCHENCK, Assistant in Biochemistry.
GEORGE SPILLER, Assistant in Biochemistry.

The instruction in biochemistry is concentrated in the first year and is arranged upon the assumption that the student is already thoroughly grounded in the principles of chemistry and physics. The object is to impart that fundamental knowledge of biochemistry which is necessary to the comprehension of the bearings of chemistry upon medicine.

The schedule during the first trimester is devoted to an intensive course in general biochemistry by means of lectures and conferences. During the second and third trimesters the instruction is centered largely in the laboratory and conference room, where the knowledge gained in the first trimester is consolidated and amplified. Considerable emphasis is laid upon quantitative rather than qualitative laboratory procedures. Paralleling the laboratory work during the second and third trimesters is a series of lectures dealing with intermediary metabolism. Throughout these lectures the application of biochemistry to the study of disease and metabolic disturbances is stressed. Collateral reading in biochemical literature is encouraged.

First trimester. Lecture and conference course dealing with the biochemistry of proteins, fats, carbohydrates, and purines; enzymes, digestion, intestinal putrefaction, and feces; the composition of the tissues, blood, milk, and urine. The elements of physical chemistry as applied to biology and medicine, with emphasis on the fundamental properties of electrolytes and colloids. 56 hours.

Second and third trimesters. Laboratory course with lectures and conferences, extending the work of the first trimester. The characteristics and the determination of carbohydrates, fats, and proteins, with special reference to their physiological importance and relationships. The chemistry of enzymes and of the digestive secretions and processes. Methods of analysis of urine, blood, gastric contents, and feces which

are of aid in medical diagnosis. The chemistry of intermediary metabolism, of the internal secretions, and of the vitamins.

86 hours second trimester.

99 hours third trimester.

ELECTIVE COURSES

These courses are open to students of all classes.

1. TISSUE METABOLISM AND ENZYME REACTIONS. Lecture course one hour a week. Time to be arranged. Professor BURK and Dr. LIPMANN.
2. ADVANCED LABORATORY WORK OR RESEARCH. By special arrangement.

COURSES OPEN TO SPECIAL STUDENTS

1. BIOCHEMISTRY. Fee \$25 a term.
2. BIOCHEMICAL LITERATURE. Seminar course on the current literature in biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Hours to be arranged. Professors DU VIGNEAUD and SUMMERSON.
3. BIOCHEMICAL PREPARATIONS. A laboratory course dealing with the isolation, synthesis, and analysis of selected compounds of biological importance. Hours, credits, and fees to be arranged. The Staff.
4. RESEARCH IN BIOCHEMISTRY.* By arrangement with the head of the department.

*Courses may be begun at any time.

Medicine

EUGENE F. DU BOIS, Professor of Medicine.
LEWIS A. CONNER, Professor of Clinical Medicine.
WILLIAM R. WILLIAMS, Professor of Clinical Medicine.
WALTER L. NILES, Professor of Clinical Medicine.
MALCOLM GOODRIDGE, Professor of Clinical Medicine.
JOSEPH C. ROPER, Professor of Clinical Medicine.
RUSSELL L. CECIL, Professor of Clinical Medicine.
WILLIAM S. LADD, Professor of Clinical Medicine.
HANS J. SCHWARTZ, Professor of Clinical Medicine (Dermatology).
FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).
CARY EGGLESTON, Associate Professor of Clinical Medicine.
CONNIE M. GUION, Associate Professor of Clinical Medicine.
LOUIS HAUSMAN, Associate Professor of Clinical Medicine (Neurology).
ASA L. LINCOLN, Associate Professor of Clinical Medicine.
PAUL REZNIKOFF, Associate Professor of Clinical Medicine.
JOHN H. RICHARDS, Associate Professor of Clinical Medicine.
HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.
LEWIS D. STEVENSON, Associate Professor of Clinical Medicine (Neurology).
HAROLD J. STEWART, Associate Professor of Medicine.
HAROLD G. WOLFF, Associate Professor of Medicine.
BENJAMIN I. ASHE, Assistant Professor of Clinical Medicine.
HORACE S. BALDWIN, Assistant Professor of Clinical Medicine.
JACOB BUCKSTEIN, Assistant Professor of Clinical Medicine.
ROBERT A. COOKE, Assistant Professor of Clinical Medicine.
LLOYD F. CRAVER, Assistant Professor of Clinical Medicine.
EDWARD CUSSLER, Assistant Professor of Clinical Medicine.
CLAUDE E. FORKNER, Assistant Professor of Clinical Medicine.
MILTON HELPERN, Assistant Professor of Clinical Medicine.
LEON I. LEVINE, Assistant Professor of Clinical Medicine.
EDGAR MAYER, Assistant Professor of Clinical Medicine.
ADE T. MILHORAT, Assistant Professor of Medicine.
DOUGLASS PALMER, Assistant Professor of Clinical Medicine.
HAROLD E. B. PARDEE, Assistant Professor of Clinical Medicine.
FRANK H. PETERS, Assistant Professor of Clinical Medicine.
EPHRAIM SHORR, Assistant Professor of Medicine.
RALPH G. STILLMAN, Assistant Professor of Medicine (Clinical Pathology).
EDWARD TOLSTOI, Assistant Professor of Clinical Medicine.
BRUCE WEBSTER, Assistant Professor of Clinical Medicine.
GEORGE W. WHEELER, Assistant Professor of Medicine (Clinical Pathology).
HARRY A. BRAY, Associate in Medicine (Tuberculosis).

ELISABETH ADAMS, Instructor in Medicine.
ARTHUR J. ANTENUCCI, Instructor in Medicine.
ABRAHAM A. ANTOVILLE, Instructor in Medicine.
WILLIAM M. ARCHER, Instructor in Medicine.
ROBERT L. BAILEY, JR., Instructor in Medicine.
JAMES R. BEARD, JR., Instructor in Medicine.
ZACHARIAS BERCOVITZ, Instructor in Medicine.
JAMES M. BETHEA, Instructor in Medicine.
GEORGE E. BINKLEY, Instructor in Medicine.
KEEVE BRODMAN, Instructor in Medicine.
VERONICA C. BROWN, Instructor in Medicine.
KATHERINE BUTLER, Instructor in Medicine.
JOHN E. DEITRICK, Instructor in Medicine.
PETER G. DENKER, Instructor in Medicine.
EDWARD M. DODD, Instructor in Medicine.
JOHN C. DUNDEE, Instructor in Medicine.
HENRY S. DUNNING, Instructor in Medicine.
HERBERT K. ENSWORTH, Instructor in Medicine.
ALBERT J. ERDMAN, Instructor in Medicine.
FRANK M. FALCONER, Instructor in Medicine.
EMIL A. FALK, Instructor in Medicine.
GEORGE H. FONDE, Instructor in Medicine.
BEN FRIEDMAN, Instructor in Medicine.
CONSTANCE FRIESS, Instructor in Medicine.
JOHN M. GIBBONS, Instructor in Medicine.
ANDREW J. GILMOUR, Instructor in Medicine.
DAVID GLUSKER, Instructor in Medicine.
ARTHUR W. GRACE, Instructor in Medicine.
THOMAS N. GRAHAM, Instructor in Medicine.
FRANKLIN H. GRAUER, Instructor in Medicine.
SIDNEY GREENBURG, Instructor in Medicine.
BERNARD HATZ, Instructor in Medicine.
EDWIN T. HAUSER, Instructor in Medicine.
LOUIS A. HAUSER, Instructor in Medicine.
GEORGE W. HEBARD, Instructor in Medicine.
EVELYN HOLT, Instructor in Medicine.
LESLIE A. HOMRICH, Instructor in Medicine.
FREDERICK H. HOWARD, Instructor in Medicine.
LEIF Y. JACOBSEN, Instructor in Medicine.
SCOTT JOHNSON, Instructor in Medicine.
GEORGE L. KAUER, JR., Instructor in Medicine.
LEMOYNE C. KELLY, Instructor in Medicine.
ESTELLE KLEIBER, Instructor in Medicine.
MILTON M. KRAMER, Instructor in Medicine.
DEHART KRANS, Instructor in Medicine.
MICHAEL LAKE, Instructor in Medicine.
EDGAR A. LAWRENCE, Instructor in Medicine.
DOROTHEA LEMCKE, Instructor in Medicine.

GEORGE M. LEWIS, Instructor in Medicine.
 ROBERT M. LINTZ, Instructor in Medicine.
 ROBERT O. LOEBEL, Instructor in Medicine.
 MARY E. LOVELESS, Instructor in Medicine.
 A. PARKS McCOMBS, Instructor in Medicine.
 WALSH McDERMOTT, Instructor in Medicine.
 KIRBY MARTIN, Instructor in Medicine.
 ROBERT B. McKITTRICK, Instructor in Medicine.
 FREDERICK H. MERRILL, Instructor in Medicine.
 RAYMOND E. MILLER, Instructor in Medicine.
 L. MARY MOENCH, Instructor in Medicine.
 WILLIS A. MURPHY, Instructor in Medicine.
 CARL MUSCHENHEIM, Instructor in Medicine.
 GRACE T. NEWMAN, Instructor in Medicine.
 HENRY D. NILES, Instructor in Medicine.
 THEODORE W. OPPEL, Instructor in Medicine.
 JOSEPH W. OWEN, Instructor in Medicine.
 NORMAN PAPAE, Instructor in Medicine.
 NORMAN PLUMMER, Instructor in Medicine.
 ARTHUR H. RAYNOLDS, Instructor in Medicine.
 EDWARD P. ROEMER, Instructor in Medicine.
 SOPHIE A. ROOT, Instructor in Medicine.
 LIONEL C. RUBIN, Instructor in Medicine.
 THERESA SCANLAN, Instructor in Medicine.
 DONALD J. SIMONS, Instructor in Medicine.
 AARON D. SPIELMAN, Instructor in Medicine.
 JOHN W. STICKNEY, Instructor in Medicine.
 WILLIAM D. STUBENBORD, Instructor in Medicine.
 LEONARD TARR, Instructor in Medicine.
 GUERNEY TAYLOR, Instructor in Medicine.
 ALPHONSE A. TIMPANELLI, Instructor in Medicine.
 J. RUSSELL TWISS, Instructor in Medicine.
 MARIAN TYNDALL, Instructor in Medicine.
 MARY WALTON, Instructor in Medicine.
 CHARLES H. WHEELER, Instructor in Medicine.
 BYARD WILLIAMS, Instructor in Medicine.
 DAN H. WITT, Instructor in Medicine.
 S. BERNARD WORTIS, Instructor in Medicine.
 SEYMOUR ZUCKER, Instructor in Medicine.
 JAMES D. HARDY, Research Associate in Medicine.
 THOMAS P. ALMY, Assistant in Medicine.
 ROBERT M. BIRD, Assistant in Medicine.
 JAMES R. GUDGER, Assistant in Medicine.
 FREDERIC J. HUGHES, Jr., Assistant in Medicine.
 CHARLES E. KUNKLE, Assistant in Medicine.
 JOHN R. SEAL, Assistant in Medicine.
 JOHN J. SMITH, Assistant in Medicine.
 RALPH R. TOMPSETT, Assistant in Medicine.

MATTHEW WALZER, Assistant in Medicine.
STEWART G. WOLF, JR., Assistant in Medicine.
SAMUEL B. BARKER, Research Fellow in Medicine.
JAMES B. BLACK, JR., Research Fellow in Medicine.
EUGENE J. COHEN, Research Fellow in Medicine.
WILLIS F. EVANS, Research Fellow in Medicine.
CARL HERGET, Research Fellow in Medicine.
BELA MITTELMANN, Research Fellow in Medicine.
CHARLES H. RICHARDS, Research Fellow in Medicine.

CLINICAL PATHOLOGY

An introductory required course is given by Dr. Stillman, in the third trimester of the second year, consisting of lectures and laboratory work. Among the topics discussed are the theory, practice, and application of methods for the examination of urine, blood, sputum, exudates, transudates, spinal fluid, gastric contents, and feces. The methods studied will include chemical, morphological, serological, and animal inoculation methods which are of value as diagnostic procedures. There will be included discussion of the clinical significance of findings. In addition, certain allergic phenomena will be presented in lecture and demonstration and their clinical relationship discussed.

MEDICINE

Students begin their course in medicine in the second trimester of the second year with physical diagnosis under Dr. Stewart. They are introduced to this subject in the second trimester (two afternoons a week) by means of lectures, demonstrations, and practical work on normal subjects and patients. In the third trimester they spend two mornings a week with the patients either in the pavilions or in the out-patient department of New York Hospital, or on the wards of the Lincoln Hospital.

An introductory course in neurologic diagnostic methods is given under the direction of Dr. Wolff in the third trimester of the second year. The work consists of demonstrations and intensive training in the discipline of neurological examination. The students in groups of three are assigned to an instructor on the neurology service of Dr. Foster Kennedy at Bellevue Hospital. This work coincides in time with the other training in physical diagnosis.

In the second, third, and fourth quarters of the third year, one third of the class in each quarter will be clinical clerks in medicine in the pavilions of New York Hospital or the wards of the Second Medical Division of Bellevue Hospital.

The medical wards of the New York Hospital under the supervision of Dr. Du Bois comprise four public pavilions totalling 113 beds. The service includes patients with diseases of the nervous system and of the skin. These are under the care of subdepartments which are organized for teaching and clinical research as well as the care of patients. They are, therefore, analogous to independent departments of dermatology

and neurology as seen in other hospitals. The other subdepartments are on the same basis. These are circulation, hematology, infections, metabolism, and syphilis. All of these have beds at their disposal, although the majority of patients are assigned to the general service rather than to any one subdivision. An active pulmonary service is functioning in close cooperation with the surgical service and the pediatric service. Beds on the fourth floor are used for the study and treatment of infectious diseases, including tuberculosis, the exanthemata, and syphilis. The syphilis service (Medicine L) is organized for the study of all phases of the disease as well as for the epidemiological control. There is close cooperation with the department of psychiatry in the study of the neuroses and early manifestations of psychoses found in the wards and dispensary.

The third year clinical clerkship at the New York Hospital is under the direction of Drs. Du Bois, Richardson, and Deitrick. The backbone of the student's training as a clinical clerk is believed to be his own experience with patients as amplified by reading and by contact with members of the hospital and teaching staff. He is given as much responsibility as is practical, namely, the recording, in the hospital records, of his own histories and laboratory examinations. These, together with his physical examinations, are supervised by the house staff. Additional teaching consists in daily teaching rounds with the visiting staff and more formal conferences once a week in which the clerks present cases for criticism and discussion. In these it is attempted to cover the more important fields of internal medicine. The work of the clerkships is supplemented by the amphitheatre clinics and pathological conferences which are held throughout the academic year. During the third year clinical clerkship the students receive further training in the evaluation of signs and symptoms of disease of the nervous system. Two teaching visits a week at the New York Hospital are dedicated to neurological problems. This work supplements that of the second year by placing special emphasis upon etiology and therapeutics in disease of the nervous system.

Students may elect a clerkship at Bellevue Hospital under Dr. Lincoln. The methods of teaching are much the same as at New York Hospital and emphasis is placed on the firm grounding of students in the fundamental facts of internal medicine. In addition to clinical, laboratory, and autopsy facilities, textbooks, collateral reading, bedside clinics, and pathological conferences are employed. By these means the various systems of the body are studied with an ordered approach. The more important therapeutic measures are also discussed.

The senior students are divided into four groups, each of which devotes one quarter of the college year to general medicine and the medical specialties. They spend the quarter under the direction of Dr. Reznikoff in the out-patient department of New York Hospital, where they are assigned in small groups to sections in general medicine and clinics devoted to special studies such as neurology, dermatology, syphilis, diabetes, gastro-intestinal diseases, diseases of the circulatory

system, diseases of the lungs, endocrine conditions, hematology, arthritis, and allergy. Other special departments of the clinic such as physiotherapy, dietotherapy, and social service are open to the fourth year clerks. The practical work with the patients will be supplemented by seminars, clinics, lectures, demonstrations, and weekly presentations of subjects by the students themselves. This clerkship may be taken during the summer months by a limited number of students. Modification of the course may be made to suit individual requirements.

During the fourth year clinical clerkship in medicine students for a period of 9 hours are brought in contact with the ambulatory patient with diseases of the nervous system. Further opportunity to gain proficiency in the diagnosis of diseases of the nervous system is afforded. Special emphasis is placed upon the home management of patients with neurologic defects.

Amphitheatre clinics will be held each week during the academic year. These will be given separately to third and fourth year students to conform to their respective stages of development. Clinical-pathological conferences organized by the Department of Pathology in conjunction with the clinical departments occur weekly throughout the year.

ELECTIVE COURSES

During the summer months students will be given the opportunity of taking their third year clerkships at New York Hospital or Bellevue Hospital, and fourth year clerkships at the New York Hospital. By so doing, they may anticipate the work of the following year and spend the equivalent time in elective work.

Each month one eighth of the fourth year class will be free for elective work. A variety of courses is available to these students. In many instances more than one course is offered on a single subject, so that the student may make a choice of instructors. Opportunities will be given in the special clinics devoted to diseases of the circulatory system, lungs, metabolism, internal secretions, neurology, syphilis, dermatology, hematology, arthritis, allergy, and gastro-intestinal disorders. Electives in general medicine and its subdivisions are offered at Bellevue Hospital. Arrangements are made during the third and fourth years for special work in tuberculosis under Dr. BRAY at the New York State Hospital for Incipient Tuberculosis at Ray Brook. This includes elective courses from January 1 through June and internships during the summer. A similar summer internship in tuberculosis is offered at Stony Wold Sanatorium.

Students who wish to engage in research, either in the wards or in the laboratories, or who have problems in which they are interested, will be given every encouragement within the limits of the time at their disposal. They should recollect, however, that a research interest in no wise takes the place of the usual academic rating.

Students receive the major part of their training in diseases of the nervous system under Dr. Wolff in the department of medicine at New

York Hospital and electives are available in neurology in addition to the training in the medical clerkship. There are well equipped laboratories available for special investigation. The neurological service at Bellevue Hospital under Dr. Foster Kennedy also offers unusual opportunities for clinical study and special investigation. It consists of wards for adults for the study of medical and surgical neurology. All these services are available for the instruction of graduate and undergraduate students. The laboratory for experimental neurology is also available for instruction in research methods.

An elective in neurology is offered by Dr. Hausman. This course emphasizes the clinical application of neuro-anatomy. The structure of the nervous system is studied in terms of three dimensions. Each student makes a reconstruction of the brain in clay, using the plan of development furnished by embryology and phylogeny. Slides for microscopic study and brain dissections supplement this approach. The student is thus afforded an opportunity to review neuro-anatomy with special emphasis on bedside needs.

Obstetrics and Gynecology

- HENRICUS J. STANDER, Professor of Obstetrics and Gynecology.
R. GORDON DOUGLAS, Associate Professor of Obstetrics and Gynecology.
HERBERT F. TRAUT, Associate Professor of Obstetrics and Gynecology.
JAMES A. HARRAR, Associate Professor of Clinical Obstetrics and Gynecology.
BYRON H. GOFF, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN F. McGRATH, Assistant Professor of Clinical Obstetrics and Gynecology.
HERVEY C. WILLIAMSON, Assistant Professor of Clinical Obstetrics and Gynecology.
LUCIUS A. WING, Assistant Professor of Clinical Obstetrics and Gynecology.
ANDREW A. MARCHETTI, Assistant Professor of Obstetrics and Gynecology.
RALPH C. BENSON, Instructor in Obstetrics and Gynecology.
WILLIAM H. CARY, Instructor in Obstetrics and Gynecology.
OGDEN F. CONKEY, Instructor in Obstetrics and Gynecology.
EDWARD H. DENNEN, Instructor in Obstetrics and Gynecology.
LYNN L. FULKERSON, Instructor in Obstetrics and Gynecology.
RALPH W. GAUSE, Instructor in Obstetrics and Gynecology.
ARTHUR V. GREELEY, Instructor in Obstetrics and Gynecology.
W. HALL HAWKINS, Instructor in Obstetrics and Gynecology.
CARL T. JAVERT, Instructor in Obstetrics and Gynecology.
KATHERINE KUDER, Instructor in Obstetrics and Gynecology.
HOWARD S. McCANDLISH, Instructor in Obstetrics and Gynecology.
CHARLES M. McLANE, Instructor in Obstetrics and Gynecology.
JAMES E. MILLER, Instructor in Obstetrics and Gynecology.
JOSEPH N. NATHANSON, Instructor in Obstetrics and Gynecology.
JOHN A. O'REGAN, Instructor in Obstetrics and Gynecology.
JOHN B. PASTORE, Instructor in Obstetrics and Gynecology.
MEYER ROSENTOHN, Instructor in Obstetrics and Gynecology.
FRANK R. SMITH, Instructor in Obstetrics and Gynecology.
RAYMOND R. SQUIER, Instructor in Obstetrics and Gynecology.
KYLE B. STEELE, Instructor in Obstetrics and Gynecology.
ROBERT L. CRAIG, Assistant in Obstetrics and Gynecology.
LESLIE V. DILL, Assistant in Obstetrics and Gynecology.
LESTON E. FITCH, Assistant in Obstetrics and Gynecology.
OSCAR GLASSMAN, Assistant in Obstetrics and Gynecology.
EUGENE GRIFFIN, Assistant in Obstetrics and Gynecology.
CARL W. JONES, Assistant in Obstetrics and Gynecology.
CURTIS L. MENDELSON, Assistant in Obstetrics and Gynecology.

LUDWIG NEUGARTEN, Assistant in Obstetrics and Gynecology.
NELSON B. SACKETT, Assistant in Obstetrics and Gynecology.
JACOB T. SHERMAN, Assistant in Obstetrics and Gynecology.
Charles T. Snyder, Assistant in Obstetrics and Gynecology.

GENERAL STATEMENT

FACILITIES: The Woman's Clinic of the New York Hospital provides 164 beds for teaching purposes in obstetrics and gynecology. The students are given practical instruction in the delivery and operating rooms, as well as on the wards, where they serve as clinical clerks. In addition they work in the out-patient department of clinics of gynecology, obstetrics, cystoscopy, and sterility.

An outdoor delivery service is conducted in conjunction with the Woman's Clinic. The facilities of the John E. Berwind Free Maternity Clinic afford an unusual opportunity for students to conduct home deliveries under careful supervision by the attending and resident staff. There are approximately 60 deliveries a month on this service.

The total obstetrical service, hospital and home, cares for approximately 3600 patients a year, while the gynecological section admits about 1300 patients annually.

I. THIRD YEAR

Course I. THE THEORY AND PRINCIPLES OF OBSTETRICS AND GYNECOLOGY. The course consists of lectures and demonstrations covering the anatomy and physiology of the female reproductive system; the physiology and pathology of pregnancy, labor, and puerperium; and the etiology, pathology, and diagnosis of the diseases of the pelvic structures.

Tuesdays and Saturdays 12-1 p.m., throughout the year, to the whole class. Professors STANDER, TRAUT, HARRAR, WILLIAMSON, DOUGLAS, and MARCHETTI. Total hours, 65.

Course II. LABORATORY INSTRUCTION. This course comprises instruction in obstetrical and gynecological pathology and bacteriology and is given throughout the first quarter of the year. The bacteriological exercises are from 9-10 on Monday and Thursday mornings and the pathological from 9-11 on Wednesdays and Fridays. Total hours, 53.

Course III. PRACTICAL INSTRUCTION. Abdominal palpation, pelvic examination, and manikin exercises are offered to one-third of the class throughout each of the last three quarters on Mondays and Fridays from 10-12 a.m.

Course IV. WARD ROUNDS. Monday and Friday, 9-10 a.m. Professor STANDER and Staff. Total hours, 53 for courses III and IV.

II. FOURTH YEAR

MAJOR PRACTICAL OBSTETRICS AND GYNECOLOGY. This course comprises practical work in obstetrics and gynecology and is the sequel to the theoretical instruction offered to the third year students. Each

student will live in the Woman's Clinic and the Berwind Clinic for a period of two months, during which time he will act as a clinical assistant in the obstetrical and gynecological departments, hospital wards, and delivery and operating rooms. He will be provided with sleeping accommodations, but not with board.

The practical work includes the prenatal care of many patients, attending them in labor, their delivery, as well as following them throughout the course of the puerperium. Facilities are also provided for the student to examine gynecological patients, and to follow these patients through diagnostic and therapeutic procedures.

Two months' residence throughout the quarter. Minimum, 365 hours. Because of the nature of the service, night and holiday work is required.

ELECTIVE COURSES

PRACTICAL OBSTETRICS AND GYNECOLOGY. A certain number of students will be accepted for periods of one month to serve as assistants in the clinic.

Pathology

EUGENE L. OPIE, Professor of Pathology.
JAMES EWING, Professor of Oncology.
JACOB FURTH, Associate Professor of Pathology.
LEWIS D. STEVENSON, Associate Professor of Neuropathology.
D. MURRAY ANGEVINE, Assistant Professor of Pathology.
JULES FREUND, Assistant Professor of Pathology.
GEORGE M. HASS, Assistant Professor of Pathology.
RICHARD W. LINTON, Assistant Professor of Pathology.
FRED W. STEWART, Associate in Pathology.
CHARLES T. OLCOTT, Instructor in Pathology.
MILTON HELPERN, Instructor in Pathology.
ROBERT W. HUNTINGTON, Instructor in Pathology.
ELVIN A. KABAT, Instructor in Pathology.
SIDNEY ROTHBARD, Instructor in Pathology.
JOHN A. SAXTON, JR., Instructor in Pathology.
JACOB WERNE, Assistant in Pathology.

GENERAL PATHOLOGY

FACILITIES. The department of pathology occupies three floors of the central part of the college building, conveniently located above the library and in immediate contact with the hospital, the autopsy room being in the connecting wing between college and hospital. The teaching is largely concentrated on the third floor, where the autopsy room, demonstration room for pathological anatomy, anatomical museum, and class rooms are found. The fourth and fifth floors are chiefly unit laboratories for staff members and graduate students and for technical preparation. In addition, animal quarters and facilities for experimental work are on the fifth, sixth, and seventh floors.

The museum contains a carefully selected collection of specimens, representing most of the common and many of the more unusual pathological lesions. It is especially rich in lesions of bones and in tumors. In addition to this mounted collection, there is available a very considerable amount of constantly changing gross material for student study.

The pathological service of the New York Hospital affords abundant opportunity for study of pathological anatomy and its relation to clinical medicine. The systematic records of autopsies performed at New York Hospital have been preserved since 1851 and in recent years protocols and microscopic slides have been carefully indexed and filed.

Instruction. The course of instruction is given in the second and third trimesters of the second year. Gross and histological lesions, their pathogenesis and correlation with disturbed function are studied; there are experiments, lectures, and class room demonstrations. These are

supplemented by study of gross pathology at the autopsy table. The course begins with the degenerations, inflammation, and repair, and proceeds with the various specific infections and tumors. The latter part of the course is devoted to special systemic pathology including an introduction to neuropathology.

Course I. GENERAL PATHOLOGY. Laboratory work with lectures and gross and microscopical demonstrations. The work covers inflammation, degeneration, regeneration, infectious diseases, and tumors.

Required in the second trimester of the second year.

Course II. SYSTEMIC PATHOLOGY. Laboratory work with lectures on the pathology of various organ systems.

Required in the second and third trimesters of the second year.

Total Courses I and II, 311 hours.

Professors OPIE, FURTH, FREUND, ANGEVINE, LINTON, and staff.

Course III. NEUROPATHOLOGY. The pathology of the nervous system is studied and altered structure and function correlated. Dr. STEVENSON. 33 hours.

Course IV. INTRODUCTION TO THE CORRELATION OF CLINICAL MEDICINE, SURGERY, PHYSIOLOGY, and PATHOLOGY. A course conducted by the Departments of Pathology, Medicine, Surgery, and Physiology to illustrate the anatomy and physiology of disease observable in patients.

Course V. CLINICAL PATHOLOGICAL CONFERENCES. These conferences are held in cooperation with the staffs of the clinical departments of the Hospital and Medical College each week throughout the year. Observations concerning the clinical course and diagnosis of disease are correlated with changes found at autopsy.

ELECTIVE COURSES

A student may undertake the investigation of some problem in pathology or may pursue advanced courses in any of several fields, to be determined by consultation with the head of the department. Research or elective courses will ordinarily require the entire time of the student for a period of one to three months, and may be continued into the summer.

A clerkship of one month at Memorial Hospital, under the direction of Dr. James Ewing and Dr. Frank E. Adair, is open to senior students each month of the academic year. Instruction is offered in the pathology, diagnosis, and treatment of cancer and related diseases.

COURSE OPEN TO STUDENTS OF THE GRADUATE SCHOOL

Opportunity is afforded a limited number of students to engage in research under the direction of a member of the department. The student must devote his entire time to work in pathology and related subjects. By special arrangement this work may be pursued at the Memorial Hospital in cancer research.

Pediatrics

SAMUEL Z. LEVINE, Professor of Pediatrics.
OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.
HARRY H. GORDON, Assistant Professor of Pediatrics.
MILTON J. E. SENN, Assistant Professor of Pediatrics (in Psychiatry).
ARTHUR F. ANDERSON, Assistant Professor of Clinical Pediatrics.
ROBERT O. DU BOIS, Assistant Professor of Clinical Pediatrics.
FREDERICK C. HUNT, Assistant Professor of Clinical Pediatrics.
JESSE F. SAMMIS, Assistant Professor of Clinical Pediatrics.
CARL H. SMITH, Assistant Professor of Clinical Pediatrics.
PHILIP M. STIMSON, Assistant Professor of Clinical Pediatrics.
MAY G. WILSON, Assistant Professor of Clinical Pediatrics.
THOMAS E. WALDIE, Associate in Pediatrics.
HAROLD B. ADAMS, Instructor in Pediatrics.
LEONA BAUMGARTNER, Instructor in Pediatrics.
M. BERNARD BRAHDY, Instructor in Pediatrics.
CLEMENT B. P. COBB, Instructor in Pediatrics.
MARGARET DANN, Instructor in Pediatrics.
RICHARD L. DAY, Instructor in Pediatrics.
JOHN E. FRANKLIN, Instructor in Pediatrics.
MARTIN J. GLYNN, JR., Instructor in Pediatrics.
JAMES Q. HARALAMBIE, Instructor in Pediatrics.
HELEN HARRINGTON, Instructor in Pediatrics.
HAROLD E. HARRISON, Instructor in Pediatrics.
GILBERT M. JORGENSEN, Instructor in Pediatrics.
HEDWIG KOENIG, Instructor in Pediatrics.
MILTON I. LEVINE, Instructor in Pediatrics.
CHARLES H. O'REGAN, Instructor in Pediatrics.
WILLIAM M. SCHMIDT, Instructor in Pediatrics.
BENJAMIN McL. SPOCK, Instructor in Pediatrics.
T. DURLAND VAN ORDAN, Instructor in Pediatrics.
JOHN A. WASHINGTON, Instructor in Pediatrics.
LOUIS E. WEYMULLER, Instructor in Pediatrics.
MARJORIE A. WHEATLEY, Instructor in Pediatrics.
WALTER T. CARPENTER, JR., Assistant in Pediatrics.
SAMUEL W. DOOLEY, Assistant in Pediatrics.
THOMAS F. HENLEY, Assistant in Pediatrics.
JAMES P. MORRILL, JR., Assistant in Pediatrics.
KENT A. ZIMMERMAN, Assistant in Pediatrics.

SECOND YEAR. During the third trimester a series of lectures is given on the principles of nutrition and their application in the art of infant feeding. Total hours, 12.

THIRD YEAR. A clinical lecture once a week throughout the entire school year presents patients illustrating disease peculiar to early life.

Students are assigned to the pavilions where they are given bedside instruction in diagnosis. An opportunity is given to observe medical and nursing procedures employed in the care of infants. Instruction in contagious diseases is given at the Willard Parker Hospital. Total hours, 139.

FOURTH YEAR. Groups of students are on duty in the out-patient department. Here they gain experience in history taking, physical examination, and treatment. Total hours, 70.

ELECTIVE COURSES

Three types of elective courses are offered: clinical clerkships on the pavilions; out-patient work in the general and special clinics; and a combination of the two services. The first of these courses is open both to third and fourth year students, following completion of required work in pediatrics in the third year. The latter two courses are open only to fourth year students following completion of all prescribed work in pediatrics.

A limited number of students serve as clinical clerks on the pavilions. They are assigned to patients on admission to the hospital and given an opportunity to follow the clinical course of sick children and to become familiar with diagnostic and therapeutic procedures. These observations are supplemented by attendance at staff meetings and rounds and by individual conferences with instructors.

Out-patient clinical clerkships comprise work in the general clinic and in special clinics devoted to prophylactic procedures, allergy, syphilis, endocrine disturbances, and heart disease in children.

A combination of pavilion and out-patient work may be arranged in special instances.

All courses are given for full time periods of one month throughout the year.

Pharmacology

McKEEN CATTELL, Associate Professor of Pharmacology.

HARRY GOLD, Assistant Professor of Pharmacology.

JANET TRAVELL, Instructor in Pharmacology.

WALTER MODELL, Assistant in Pharmacology.

STEPHEN KROP, Assistant in Pharmacology.

CHARLES H. WHEELER, Assistant in Pharmacology (Therapeutics).

MAYNARD B. CHENOWETH, Research Fellow in Pharmacology.

Course I. SYSTEMATIC PHARMACOLOGY. Laboratory work, demonstrations, conferences, and lectures given during the first trimester of the second year. The experiments are designed to illustrate a wide range of pharmacologic effects, the more important drugs being considered with reference to their action on different structures and their behavior in the organism. At a later conference, the laboratory data obtained by the class are assembled and discussed in relation to each other and to experiments reported in the literature. This course also includes elementary pharmacy and toxicology, with a consideration of crude drugs, practice in the making of pharmacopeial preparations, toxicological analysis, and prescription writing. 110 hours.

Course II. APPLIED PHARMACOLOGY. This course is given during the third trimester of the second year and is a continuation of Course I. It is intended to fill a gap between experimental pharmacology and the clinical use of drugs, and deals with substances, the pharmacological action of which can best be demonstrated on human material. Emphasis is placed on investigations dealing directly with the human subject in health and disease. This part of the course has been arranged in collaboration with the Department of Medicine and makes use of the available clinical material. 22 hours.

Course III. CONFERENCES ON THERAPY. Informal conferences on the treatment of disease conducted by the members of the Departments of Medicine and Pharmacology. Weekly during the first half year. Elective for fourth year students.

Course IV. RESEARCH. Arrangements are made for individuals or groups to participate in original investigations with a view to learning the methods of pharmacological research. Special opportunities are afforded for work on muscle-nerve, autonomic nervous system, and the circulation. Elective.

Physiology and Biophysics

DETLEV W. BRONK, Professor of Physiology.
DAYTON J. EDWARDS, Associate Professor of Physiology.
WILLIAM H. CHAMBERS, Associate Professor of Physiology.
H. KEEFER HARTLINE, Associate Professor of Physiology.
JOHN P. HERVEY, Assistant Professor of Biophysics.
MARTIN G. LARRABEE, Assistant Professor of Physiology.
GLENN A. MILLIKAN, Assistant Professor of Physiology.
ARTHUR J. RAWSON, Assistant Professor of Biophysics.
FRANK BRINK, Instructor in Physiology.

FIRST YEAR. Lectures, laboratory, demonstrations, and conferences. Physiology of muscle and nerve, visceral nervous system, blood, circulation, digestion, excretion, and respiration. Laboratory work includes experiments on nerve and muscle, visceral nervous system, circulation, and digestion. 135 hours.

SECOND YEAR. Lectures, laboratory, demonstrations, and conferences. Physiology of metabolism, endocrines, sense organs, and central nervous system. Laboratory includes experiments on metabolism, excretion, blood, respiration, endocrines, sense organs, and central nervous system. 115 hours.

The course of instruction in physiology is directed toward an understanding of the principles involved in the functioning of the human body and the integration of its various systems. The lectures are supplemented by references to the current literature. The department is fortunate in having housed on the fourth floor of its building the Graham Lusk Library of Physiology, a gift to the department from its late Professor, Graham Lusk. This includes bound volumes of complete sets of the important physiological and biochemical literature, monographs, hand books, and text books and is being supplemented by some of the current journals and monographs. In addition to the college library, the facilities of this library are at the disposal of the students of medicine.

The laboratory work includes a number of human experiments, emphasizes mammalian physiology, and is directed toward quantitative determinations. The laboratory experiments are chosen to illustrate fundamental principles in the respective fields of physiology and are correlated with the lectures by means of conferences. The demonstrations include instruction in specialized techniques, experimental preparations, and presentation of clinical cases. These are facilitated by the participation and cooperation of staff members of various departments in the Medical College and the New York Hospital.

ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to physiology.

COURSES OPEN TO SPECIAL STUDENTS

1. PHYSIOLOGY. Fee \$100 for each term.
2. PHYSIOLOGICAL RESEARCH. Subject to special arrangement with the head of the department.

Psychiatry

OSKAR DIETHELM, Professor of Psychiatry.
CLARENCE O. CHENEY, Professor of Clinical Psychiatry.
PHYLLIS GREENACRE, Professor of Clinical Psychiatry.
GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.
GERALD R. JAMEISON, Assistant Professor of Psychiatry.
JAMES H. WALL, Assistant Professor of Clinical Psychiatry.
ADE T. MILHORAT, Assistant Professor of Medicine.
CARL A. BINGER, Assistant Professor of Clinical Medicine.
MILTON J. E. SENN, Assistant Professor of Pediatrics.
EDWARD B. ALLEN, Instructor in Psychiatry.
VALER BARBU, Instructor in Psychiatry.
CHARLES BOHNENGEL, Instructor in Psychiatry.
EDWIN J. DOTY, Instructor in Psychiatry.
WILLIAM H. DUNN, Instructor in Psychiatry.
FRANCIS J. HAMILTON, Instructor in Psychiatry.
EMELINE P. HAYWARD, Instructor in Psychiatry.
MARIANNE HORNEY, Instructor in Psychiatry.
MABEL HUSCHKA, Instructor in Psychiatry.
RUTH EMILIE JAEGER, Instructor in Psychiatry.
NORVELLE C. LAMAR, Instructor in Psychiatry.
MICHAEL P. LONERGAN, Instructor in Psychiatry.
LESLIE E. LUEHRS, Instructor in Psychiatry.
ARTHUR M. PHILLIPS, Instructor in Psychiatry.
LINCOLN RAHMAN, Instructor in Psychiatry.
HERBERT S. RIPLEY, Instructor in Psychiatry.
FRED V. ROCKWELL, Instructor in Psychiatry.
CHARLES DILLER RYAN, Instructor in Psychiatry.
GEORGE S. SPRAGUE, Instructor in Psychiatry.
G. MARION STRANAHAN, Instructor in Psychiatry.
HANS SYZ, Instructor in Psychiatry.
J. LOUISE DESPERT, Research Associate in Psychiatry.
H. EDWARD BEAGHLER, Assistant in Psychiatry.
VERONICA C. BROWN, Assistant in Psychiatry.
A. LOUISE BRUSH, Assistant in Psychiatry.
ROBERTA CRUTCHER, Assistant in Psychiatry.
RALPH P. HARLOW, Assistant in Psychiatry.
CHARLES M. HOLMES, Assistant in Psychiatry.
JOSEPH W. OWEN, Assistant in Psychiatry.
SAUL M. SMALL, Assistant in Psychiatry.
MARSHALL JONES, Assistant in Psychology.

The Department of Psychiatry offers instruction during each of the four years of the medical course. The science of the functions of the personality, psychobiology, is considered of fundamental importance as

the groundwork for future clinical training. A course in psychopathology in the second year orients the student in personality disorders and in the methods for their examination and study. In the third year this preliminary training is utilized in the study of patients at the Payne Whitney Psychiatric Clinic. In the Out-Patient Department, during the fourth year, he participates in the study and treatment of the diverse problems presenting themselves in general psychiatric consulting practice. Through instruction and practical work at the Manhattan State Hospital, the student gains an understanding of a wide variety of mental disorders of various stages and especially of the organic type. The importance of personality issues in general medicine is taught in the medical pavilions of the New York Hospital and in the out-patient service of the Payne Whitney Psychiatric Clinic. Clinics are planned to unify these many activities and to offer in addition a broad understanding of treatment and investigation.

FIRST YEAR. PSYCHOBIOLOGY. This course acquaints the student with the functions of the personality. Through participation in discussions and various tests he learns the basic principles and methods of psychobiology. A study of his own personality gives him an opportunity for methodical investigation and for constructive utilization of personality functions. Total hours, 23.

SECOND YEAR. INTRODUCTORY PSYCHIATRY. In this course the various psychopathological phenomena are demonstrated and the student has an opportunity to study them in selected patients at the Manhattan State Hospital. This permits practical experience in the methods of examination. Total hours, 33.

THIRD YEAR. COURSES IN PSYCHIATRY. In the In-Patient Department of the Payne Whitney Psychiatric Clinic the various reaction-types are presented and studied; in the medical pavilions of the New York Hospital personality issues in general medicine and cases where psychiatric conditions have developed are discussed.

A series of lectures with case discussion deals with the development of personality in infancy and childhood, and the psychopathology of childhood. Attention is directed to the general management of related difficulties. Total hours, 32.

FOURTH YEAR. COURSES IN PSYCHIATRY. In the course in the Out-Patient Department of the Payne Whitney Psychiatric Clinic, each student is assigned to an instructor and takes part in the study and treatment of individual patients. At the Manhattan State Hospital the students carry out independently complete examinations of patients.

Case presentations are given throughout the year in clinics on Wednesdays from twelve to one. The clinical, investigative, and therapeutic aspects, as well as legal and social problems are discussed.

Opportunities for elective work are provided in the New York Hospital and at the Westchester Division of the New York Hospital, White Plains, New York. Total hours, 98.

Public Health and Preventive Medicine

WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.

JOHN C. TORREY, Professor of Epidemiology.

MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.

WALTER C. KLOTZ, Assistant Professor of Public Health and Preventive Medicine.

LEONA BAUMGARTNER, Assistant Professor of Public Health and Preventive Medicine.

THOMAS T. MACKIE, Associate in Public Health and Preventive Medicine.

JOHN OPPIE MCCALL, Associate in Public Health and Preventive Medicine.

HENRY B. RICHARDSON, Associate in Public Health and Preventive Medicine.

RAYMOND E. MILLER, Instructor in Public Health and Preventive Medicine.

RALPH W. NAUSS, Instructor in Public Health and Preventive Medicine.

WILLIAM M. SCHMIDT, Instructor in Public Health and Preventive Medicine.

ELIZABETH MONTU, Research Assistant in Public Health and Preventive Medicine.

JOHN Y. C. WATT, Assistant in Public Health and Preventive Medicine.

SECOND YEAR

PARASITOLOGY. Each period is divided into two parts: discussion and laboratory.

The exercises are given one afternoon a week from 3 to 5 o'clock, during the second trimester. There are no formal lectures in this course. Readings are assigned to the students, and the entire period is spent upon the laboratory material. About 30 minutes will be utilized for discussion, and about one and one-half hours for laboratory work.

The important parasites of man are discussed, including mode of transmission, life cycles, and intermediate hosts. Special emphasis is also placed upon the clinical interpretation of the various diseases that are produced by the parasites, and methods which may be utilized in the prevention and control of human parasitic disease. An abundance of material is used for demonstration purposes, and many of the parasites are studied in the living stage.

THIRD YEAR

PUBLIC HEALTH. Lectures: The lectures are given from 12 to 1 every Monday throughout the school year. They are intended to present a

comprehensive description of the whole field of preventive medicine. Emphasis is placed upon the responsibilities and the opportunities of the practicing physician in the promotion of public health.

Laboratory and field work: First quarter—the whole class every Thursday afternoon from 2 to 5 p.m. The class is divided into two large sections. One-half of the exercises is devoted to laboratory procedures in vital statistics, and in water and milk sanitation. On alternate Thursdays, each section makes a field trip for a demonstration in (a) industrial hygiene (b) city health administration (c) preparation and standardization of biologicals (d) water and sewage disposal, and the like.

Section work: Every Thursday afternoon during the last three quarters from 2 to 5 p. m. The affiliation of the Kips Bay-Yorkville Health Center with the Medical School has made it possible to develop section teaching in preventive medicine. The class is divided into three sections of about 25 students. Each section devotes every Thursday afternoon for one quarter to clinical section work in public health. This section is sub-divided into small groups and each student is assigned to some one of the various activities of the Health Center, or to allied health services of the community. The students do more than observe—they participate in the work of the Health Center. The exercises are planned so that every student will have an opportunity to see and take part in the complex activities of an active health department.

Thesis: Each student is required to prepare a thesis on some subject which is related to the general field of preventive medicine and public health. Wide latitude will be given in choice of subject; and in grading the theses, due consideration is given to the method of presentation, as well as to the content. These theses must be handed in to the Department by May 1.

FOURTH YEAR

PREVENTIVE MEDICINE. Clinical conferences every Tuesday, 12 to 1, throughout the year.

The fourth year exercises in Preventive Medicine are planned to illustrate the methods whereby the principles of preventive medicine may be incorporated by the physician in his daily practice of curative medicine.

The presentations are made by various members of the clinical faculty. Practically every department of the medical school and every major clinical subject is presented in these exercises. In addition, certain special subjects, such as industrial medicine, dental hygiene, the prevention of accidents, the conservation of vision, and so forth, are presented by experts in these fields, who are invited to discuss their special work. These guest speakers contribute greatly to the interest and value of the course.

ELECTIVE COURSES

PREVENTIVE MEDICINE. An elective course of one full month is offered to students in the fourth year. Not more than four students will be accepted for any one month. Students will be assigned to the Kips Bay-Yorkville District Health Center and will participate in the various clinical and research activities of the Center.

MEDICAL ZOOLOGY AND PARASITOLOGY. This course is intended to supplement and extend the required work in this field. Diagnosis, life histories of parasites and their vectors, and control measures are considered. Hours to be arranged.

FIELD WORK IN CUBA. Arrangements have been made with the University of Havana Medical School whereby three or four students may spend six weeks in Cuba in the summer as guests of the University of Havana. These students are given an opportunity to study various types of tropical diseases in hospital clinics, and in the Finlay Institute. This is a voluntary exercise, for which no University credit is given.

A reciprocal arrangement has been made whereby faculty members of the University of Havana will come to New York during the winter as guests of the New York Hospital and Cornell University Medical College.

Radiology

JOHN R. CARTY, Professor of Radiology.
SYDNEY WEINTRAUB, Assistant Professor of Clinical Radiology.
FRIEDRICH G. KAUTZ, Associate in Radiology.
E. FORREST MERRILL, Associate in Radiology.
ALFRED F. HOCKER, Instructor in Radiology.
IRVING SCHWARTZ, Instructor in Radiology.
DAN TUCKER, Instructor in Radiology.
ALLAN TUGGLE, Instructor in Radiology.
STEPHEN WHITE, Instructor in Radiology.
KENCIL L. MITTON, Assistant in Radiology.

The teaching of Radiology consists of didactic lectures and section work in connection with clinical clerkships.

The lectures are given during the Third Year to the class as a whole. They emphasize the fundamental principles of diagnosis, X-ray and Radium Therapy. Sufficient fundamental Physics is covered to make these principles intelligible. Emphasis is placed on the indications and limitations of the methods and how they should be applied to the best advantage of the patient. The relationship of Radiology to other branches of medicine is also discussed. In addition to X-ray diagnosis the use of Radium and X-ray Therapy for malignant conditions is given attention. The use of X-ray Therapy in the treatment of inflammatory and other miscellaneous pathological processes is also covered.

The section teaching is conducted in the Third Year with the exception of the work in Obstetrics and Gynecology which comes in the Fourth Year. The teaching is given to small groups, and during each hour a subject is covered, and the student is encouraged to bring in radiographs of current cases pertaining to the subject under discussion.

Instruction in X-ray and Radium Therapy is conducted along similar lines. The student is given specific and hypothetical cases where X-ray and Radium Therapy might be employed. Attention is paid to the use of X-ray Therapy in inflammatory conditions and as an analgesic agent as well as in malignancy. The contraindications for X-ray and Radium Therapy are discussed. During the section work there will be a certain amount of "required reading." This consists of the study of normal and typical radiographs, and a museum has been organized specifically for this purpose. The Museum has a wide assortment of various pathological material and is constantly being enlarged.

There is a series of normals of the various anatomical regions constantly available on illuminators for ready reference. The Museum is open at all hours for study.

Elective courses are offered in the Fourth Year in most phases of diagnosis and therapy. They are arranged in so far as is possible to suit the wishes of the individual student.

Summary of Hours, Third Year

Didactic lectures.....	18 hours
Section work:	
Surgery.....	8 hours
Pediatrics.....	3 hours
	11 hours

Fourth Year

Obstetrics and Gynecology.....	3 hours
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Surgery

GEORGE J. HEUER, Professor of Surgery.
JOSHUA E. SWEET, Professor of Experimental Surgery.
N. CHANDLER FOOT, Professor of Surgical Pathology.
CHARLES E. FARR, Professor of Clinical Surgery.
HENRY H. M. LYLE, Professor of Clinical Surgery.
EUGENE H. POOL, Professor of Clinical Surgery.
BERNARD SAMUELS, Professor of Clinical Surgery (Ophthalmology).
ALEXANDER R. STEVENS, Professor of Clinical Surgery (Urology).
WILLIAM DEWITT ANDRUS, Associate Professor of Surgery.
FRANK E. ADAIR, Associate Professor of Clinical Surgery.
RALPH F. BOWERS, Associate Professor of Clinical Surgery.
HOWARD S. JECK, Associate Professor of Clinical Surgery (Urology).
WILLIAM F. MACFEE, Associate Professor of Clinical Surgery.
IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).
BENJAMIN S. BARRINGER, Assistant Professor of Clinical Surgery (Urology).
HERBERT M. BERGAMINI, Assistant Professor of Clinical Surgery.
MILTON L. BERLINER, Assistant Professor of Clinical Surgery (Ophthalmology).
HERBERT CONWAY, Assistant Professor of Clinical Surgery.
WILLIAM A. COOPER, Assistant Professor of Clinical Surgery.
NELSON W. CORNELL, Assistant Professor of Clinical Surgery (Orthopedics).
ARCHIE L. DEAN, JR., Assistant Professor of Clinical Surgery (Urology).
GUILFORD S. DUDLEY, Assistant Professor of Clinical Surgery.
SEWARD ERDMAN, Assistant Professor of Clinical Surgery.
JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.
FRANK GLENN, Assistant Professor of Clinical Surgery.
KRISTIAN G. HANSSON, Assistant Professor of Clinical Surgery (Orthopedics).
CRANSTON HOLMAN, Assistant Professor of Clinical Surgery.
GERVAIS W. MCAULIFFE, Assistant Professor of Clinical Surgery (Otolaryngology).
GEORGE T. PACK, Assistant Professor of Clinical Surgery.
ARTHUR PALMER, Assistant Professor of Clinical Surgery (Otolaryngology).
RUSSEL H. PATTERSON, Assistant Professor of Clinical Surgery.
BRONSON S. RAY, Assistant Professor of Surgery.
MORRIS K. SMITH, Assistant Professor of Clinical Surgery.
JACOB APPLEBAUM, Instructor in Surgery (Otolaryngology).
MILES ATKINSON, Instructor in Surgery (Otolaryngology).
PAUL A. DINEEN, Instructor in Surgery.

EDWARD W. DOUGLAS, Instructor in Surgery.
CHARLES A. DRAKE, Instructor in Surgery (Ophthalmology).
JOHN W. DRAPER, Instructor in Surgery (Urology).
J. EDWIN DREW, Instructor in Surgery (Urology).
WADE DULEY, Instructor in Surgery.
JOHN H. ECKEL, Instructor in Surgery (Urology).
EDWARD M. FINESILVER, Instructor in Surgery.
EMMETT C. FITCH, Instructor in Surgery (Otolaryngology).
THOMAS J. GARRICK, Instructor in Surgery (Otolaryngology).
ROBERT S. HOTCHKISS, Instructor in Surgery (Urology).
GUSTAVUS A. HUMPHREYS, Instructor in Surgery (Urology).
SAMUEL F. KELLEY, Instructor in Surgery (Otolaryngology).
JOSEPH E. J. KING, Instructor in Surgery.
ANNE E. KUHNER, Instructor in Surgery (Urology).
FREDERICK L. LIEBOLT, Instructor in Surgery (Orthopedics).
JAMES O. MACDONALD, Instructor in Surgery (Otolaryngology).
FRANK J. MCGOWAN, Instructor in Surgery.
ALLISTER M. McLELLAN, Instructor in Surgery (Urology).
SAMUEL W. MOORE, Instructor in Surgery.
WILLIAM F. NICKEL, JR., Instructor in Surgery.
JOHN B. OGILVIE, Instructor in Surgery.
EDGAR M. POPE, Instructor in Surgery (Otolaryngology).
ERIC C. RICHARDSON, Instructor in Surgery (Ophthalmology).
JOHN G. SCHMIDT, Instructor in Surgery (Orthopedics).
RUFUS E. STETSON, Instructor in Surgery.
D. BLAIR SULOUFF, Instructor in Surgery (Ophthalmology).
PRESTON A. WADE, Instructor in Surgery (Orthopedics).
WILLIS M. WEEDEN, Instructor in Surgery.
DEGRAAF WOODMAN, Instructor in Surgery (Otolaryngology).
FRANK C. YEOMANS, Instructor in Surgery.
OTTO H. MULLER, Research Associate in Surgery.
ROSE ANDRE, Assistant in Surgery.
WILLIAM H. AYRES, Assistant in Surgery (Otolaryngology).
WILLIAM A. BARNES, Assistant in Surgery.
ANNE S. BELCHER, Assistant in Surgery (Otolaryngology).
ARTHUR I. CHENOWETH, Assistant in Surgery.
C. GARDNER CHILD, 3RD, Assistant in Surgery.
E. EVERETT CLIFFTON, Assistant in Surgery.
JOHN STAIGE DAVIS, JR., Assistant in Surgery.
ROBERT K. FELTER, Assistant in Surgery.
HAROLD GENVERT, Assistant in Surgery.
DAN C. GILL, Assistant in Surgery.
HERBERT GRAEBNER, Assistant in Surgery (Otolaryngology).
MARTIN J. HEALY, JR., Assistant in Surgery.
RUSSELL H. HOOKER, Assistant in Surgery.
D. REES JENSEN, Assistant in Surgery.
JOSEPH T. KAUER, Assistant in Surgery.
GEORGE M. KNAPP, Assistant in Surgery.

EARL P. LASHER, JR., Assistant in Surgery.
JERE W. LORD, JR., Assistant in Surgery.
ELIZABETH M. MACNAUGHER, Assistant in Surgery (Ophthalmology).
VICTOR F. MARSHALL, Assistant in Surgery (Urology).
LEOPOLD MEHLER, Assistant in Surgery (Otolaryngology).
STEPHEN C. MEIGHER, Assistant in Surgery.
DONALD R. MORRISON, Assistant in Surgery.
E. COOPER PERSON, JR., Assistant in Surgery.
WILLIAM C. QUINN, Assistant in Surgery.

GENERAL SURGERY

I. THIRD YEAR. In the first quarter a course is given in operative surgery which consists of a series of operations carried out by the students on living animals. Emphasis is placed in this course on surgical cleanliness, aseptic technic, the control of hemorrhage, the healing of wounds, anesthesia, and allied topics. In this quarter of the year there is given also a course in surgical pathology. The teaching in this subject is done by a series of demonstrations of gross and microscopic preparations, and by conferences in which the current material from surgical cases is made the basis for the discussion of various lesions and their pathological and surgical significance.

The instruction work in clinical surgery begins in the second quarter and rotates with one third of the class for the remaining three quarters of the year. In this course the students are assigned for work as clinical clerks in surgery, including urology. Throughout this period the student gains experience in history taking, physical examination and routine laboratory examination, and is brought into contact with patients with general surgical, urological, orthopedic, ophthalmological and otolaryngological conditions. The routine teaching consists of pavilion visits in general surgery, and in the surgical specialties, together with assigned reading and conferences.

The teaching facilities of the Second Surgical Division of Bellevue Hospital, St. Lukes, Memorial, and other special hospitals are available in addition to those of the New York Hospital. Total hours, 329.

II. FOURTH YEAR. Each student spends one quarter in the outpatient department of the surgical service and the allied specialties. The morning hours are devoted to the surgical clinic where the student gains experience in the diagnosis of general surgical and orthopedic conditions in ambulatory patients as well as in the handling of fractures and in the diagnosis and treatment of minor surgical cases of all sorts. He also has the opportunity to follow the results of operations performed in the hospital as the patients return for follow up visits. The afternoon hours are devoted to the special clinics of urology, ophthalmology, and otolaryngology where the student learns to use the diagnostic technics of these specialties and observes a wide variety of disease pictures.

The student is also assigned to the operating floor of the hospital for a period of two weeks and is given intensive instruction in anesthesia, and throughout the quarter is expected to follow in the wards those patients admitted from the out-patient department.

The routine teaching consists of conferences, clinics, and assigned reading.

A surgical clinic is held one day a week at the noon hour for the students of the third and fourth years. Total hours, 297.

OPHTHALMOLOGY

During the third trimester of the second year the entire class is given laboratory instruction in the microscopy of the eye by Dr. SAMUELS. In addition to normal histology, the pathology of such important diseases as uveitis, glaucoma, intra-ocular tumors, tuberculosis, injuries, and simple ophthalmia are covered.

In the fourth year each student is assigned for a period of time to the ophthalmological out-patient department and in addition has the opportunity of taking further work in this subject during his elective period.

ORTHOPEDIC SURGERY

For the first quarter of the third year there are a number of formal exercises in this subject which serve as an introduction to the clinical work. In the remaining part of the surgical teaching in the third and fourth years supplemental instruction is given in orthopedics by the presentation of interesting cases in either the pavilion and out-patient department of the New York Hospital, or the wards of Bellevue Hospital.

OTOLARYNGOLOGY

In the third year clinical lectures illustrated by the presentation of cases are given to the entire class. The anatomy of the head is reviewed and instruction in the examination of the ear, nose, and throat is given. The subjects of bronchoscopy and rhinoplasty are discussed.

Fourth year students are assigned in sections for a period to the otolaryngological out-patients and have the opportunity to study cases on the pavilion as well. During this period, special topics are presented to the section by various members of the teaching staff.

Opportunity is offered also, during the elective term of the fourth year to spend additional time on this subject.

UROLOGY

The teaching of urology is carried out by means of assignment of students during their clinical clerkship in the third year to urological cases either in the New York Hospital, or in Bellevue Hospital. On one morning a week there is held a conference and clinical demonstration of patients suffering from various urological conditions.

In the fourth year the student is assigned for a period to the urological out-patient department, and he has also further opportunity to pursue this subject during the elective period.

ELECTIVE COURSES

Courses are offered in advanced general surgery, surgical pathology, experimental surgery, neuro-surgery, thoracic surgery, and in the specialties of surgery: orology, orthopedics, ophthalmology, and otolaryngology. Elective work combined with medicine is also offered in special clinics in the out-patient department. More detailed information regarding these electives may be had by consulting the head of the surgical department.

COURSE OFFERED TO GRADUATE STUDENTS

A graduate course in surgery based upon the resident system is offered to a limited number of physicians who are graduates of approved medical schools and who have completed one year's internship or its equivalent in an approved hospital. Detailed information regarding this course will be furnished on request by the head of the surgical department.

Legal Medicine

MILTON HELPERN, Assistant Professor of Clinical Medicine.

An elective course in Legal Medicine is scheduled during the third quarter of the fourth year and covers the following topics: the obligations and rights of physicians; relation of the physician to governmental agencies; functions of the office of medical examiner and of coroner; investigation and determination of the cause of sudden, suspicious, and violent deaths; the medicolegal necropsy; identification, signs of death, changes in the body after death; sudden natural death; relationship of disease and trauma; suicidal, accidental, and homicidal violent deaths; blunt force injuries, stab and bullet wounds, traumatic asphyxia, rape, abortion, infanticide; toxicology, especially the indications of poisoning and the selection of organs for chemical analysis; examination of blood stains, seminal stains, and hair, forensic applications of blood grouping; occupational injuries and diseases.

The course consists of a series of 12 lectures illustrated with material derived from cases investigated by the office of the Chief Medical Examiner in the Borough of Manhattan.

A second elective course limited to small groups of students is given for periods of approximately four weeks throughout the school year and affords the student an opportunity to study the above mentioned topics at first hand. This course is conducted at the City Mortuary, Bellevue Hospital, where the numerous and varied autopsy and laboratory investigations of the office of the Chief Medical Examiner are carried out. There will also be an opportunity to follow some of the cases into the criminal and civil courts where the method of giving testimony can be observed.

Neoplastic Disease

The Memorial Hospital offers a four-week elective course on the neoplastic diseases to members of the fourth year class. This course consists of approximately 140 hours devoted to a study of the new cases, their diagnosis and treatment. About 40 hours are spent in the pathological laboratory, studying the gross and microscopic pathology of tumors, particularly as relates to tumor groups. The student also has an excellent opportunity to observe the effects of treatment by surgery, x-rays, and radium. The course is closely integrated, so that the student may study many processes of tumor growth and behavior.

Military Medicine

FRANK H. DIXON, Professor of Military Science and Tactics.

This elective course in Military Medicine is given by an Officer of the Medical Corps of the Army, detailed by the Surgeon General. It is a progressive course of four years, of 39 hours' instruction per year.

Any male, physically fit citizen is eligible to take the course. No uniforms are worn and no obligations are incurred, except to complete the course if started. A six weeks' camp at Carlisle, Pa., is held after the second or third year, as elected. During the last two years the student is paid by the government. He is also paid for the camp attendance and is provided his transportation from the University to Carlisle and return.

Upon receiving his degree in Medicine the graduate of this Military Course will be given a commission in the Medical Officers Reserve Corps should he desire to accept the same.

This course is designed to supplement the regular medical curriculum and to give the student an elementary knowledge of Military Medicine. The first year is devoted to the history of military medicine, principles of military science, our system of government and the military policies of the same; the second year to tactical studies, projectiles and war wounds, first aid and evacuation; the third year to hygiene of mass bodies, including control of communicable diseases, disposal of wastes, water purification, and camp sanitation; the fourth year to administration and technical organization of hospitals, together with the principles of hospital construction and repairs.

TABLE OF REQUIRED HOURS

	First Year	Second Year	Third Year	Fourth Year	Total
ANATOMY.....	406				
HISTOLOGY AND EMBRYOLOGY.....	200				
NEURO-ANATOMY.....	90				696
BIOCHEMISTRY.....	241				241
PHYSIOLOGY.....	135	115			250
BACTERIOLOGY.....		146			146
PATHOLOGY.....		311			
NEURO-PATHOLOGY.....		33			344
PHARMACOLOGY.....		132			132
MEDICINE					
PHYSICAL DIAGNOSIS.....		132			
CLINICAL PATHOLOGY.....		135			
NEUROLOGY.....		33			
SPECIALTIES, CLERKSHIP AND O.P.D.					
LECTURES.....			294	263	
			35	69	961
SURGERY					
OPERATIVE SURGERY.....			21		
SURGICAL PATHOLOGY.....			34		
SPECIALTIES, CLERKSHIP AND O.P.D.		22	314	263	
LECTURES.....			34	34	722
OBSTETRICS AND GYNECOLOGY					
BACTERIOLOGY AND PATHOLOGY...			53		
PRACTICAL INSTRUCTION.....			51	365 Min.	
LECTURES AND DEMONSTRATIONS...			65		534
PEDIATRICS					
PRINCIPLES OF NUTRITION.....		12			
PRACTICAL INSTRUCTION.....			104	70	
LECTURES.....			35		221
PSYCHIATRY					
PSYCHOBIOLOGY.....	23				
PSYCHIATRY.....		33	25	63	
LECTURES.....			7	35	186
PUBLIC HEALTH					
PARASITOLOGY.....		22			
PUBLIC HEALTH AND PREV. MED...			53		
LECTURES.....			34	33	142
RADIOLOGY.....			18		18
LEGAL MEDICINE.....				(12)*	
MILITARY MEDICINE.....	(34)*	(34)*	(34)*	(34)*	
ELECTIVES.....				(130)	
TOTALS.....	1095	1126	1177	1195	4593

*Elective.

FIRST YEAR SCHEDULE 1940-41

FIRST TRIMESTER

SEPT. 18-DEC. 7

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Histology	Anatomy	Anatomy	Anatomy	Histology	Anatomy
10-11						
11-12						
12-1						
1-2	Biochemistry		Biochemistry		Biochemistry	
2-3	Anatomy	Histology	Library Lectures**	Biochemistry	Anatomy	
3-4			(Spec. Lect.)	Mil. Med.*		
4-5						

SECOND TRIMESTER

DEC. 9-MARCH 5

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Histology	Anatomy	Anatomy†† Histology	Anatomy	Histology	Anatomy
10-11						
11-12						
12-1						Biochemistry
1-2	Anatomy	Biochemistry		Biochemistry	Anatomy	
2-3						
3-4						
4-5			(Spec. Lect.)	Mil. Med.*		

††Approximately 7 sessions Anatomy and 4 Histology.

THIRD TRIMESTER

MARCH 13-MAY 29

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Biochemistry	Neuro-Anatomy	Biochemistry	Psychobiol.	Physiology	Neuro-Anatomy
10-11				Neuro-Anatomy		
11-12				Physiology		
12-1		Biochemistry				Physiology
1-2						
2-3	Psychobiol.	Physiology		Physiology	Physiology	
3-4						
4-5			(Spec. Lect.)	Mil. Med.*		

*Elective

**When Scheduled.

() When Scheduled.

SECOND YEAR SCHEDULE

1940-41

FIRST TRIMESTER

SEPT. 18-DEC. 7

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Pharmacology	Physiology	Physiology	Pharmacology	Physiology	Physiology
10-11			Bacteriology		Pharmacology	
11-12						
12-1						
1-2						
2-3	Bacteriology	Physiology	Mil. Med.*	Bacteriology	Bacteriology	
3-4						
4-5			(Spec. Lect.)			

SECOND TRIMESTER

DEC. 9-MARCH 5

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Pathology	Pathology	Pathology	Pathology	Pathology	Pathology
10-11						
11-12						
12-1						
1-2	Pathology	Physical Diagnosis	Mil. Med.*	Physical Diagnosis	Psychiatry	
2-3						
3-4			(Spec. Lect.)			
4-5						

THIRD TRIMESTER

MARCH 13-MAY 29

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
9-10	Physical Diagnosis "A" <div>Neurol. Diag. IV</div>	Neurology	Physical Diagnosis "B" <div>Neurol. Diag. I</div> <div>Clin. Path. A</div>	Physical Diagnosis "A" <div>Neurol. Diag. III</div> <div>Clin. Path. B</div>	Physical Diagnosis "B" <div>Neurol. Diag. II</div>	Pathology	
10-11		Neuro- Pathology					
11-12							
12-1	Clinical Pathology	Clinical Pathology	Applied Pharmacology	Pediatrics	Applied Pharmacology		
1-2							
2-3			Clinical Pathology	Mil. Med.*	Clinical Pathology		Clinical Pathology
3-4							
4-5				(Spec. Lect.)			

() When Scheduled.

*Elective.

THIRD YEAR SCHEDULE

1940-41

FIRST QUARTER

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Ob. Bacter.	Operative Surgery	Gynecologic Pathology	Ob. Bacter.	Gynecologic Pathology	Urology
10-11	Surgical Pathology		Radiology	Surgical Pathology	Radiology	
11-12						
12-1	Pub. H.	Ob. & Gyn.	Pediatrics	Medicine	Surgery	Ob. & Gyn.
2-3	Medicine	Otolaryn.	Dermatology	Public Health	Orthopedics	
3-4						
4-5	C.P.C. Mil. Med.*	Psychiatry	(Spec. Lect.)			

SECOND, THIRD, AND FOURTH QUARTERS

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Group A: Medicine (2); Surgery (3); Obstet., Pediat., Psych., Pub. H (4). Group B: Surgery (2); Obstet., Pediat., Psych., Pub. H (3); Medicine (4). Group C: Obstet., Pediat., Psych., Pub. H. (2); Medicine (3); Surgery (4).					
10-11						
11-12						
12-1	Public Health	Ob. & Gyn.	Pediatrics	Medicine	Surgery	Ob. & Gyn.
2-3						
3-4						
4-5	C.P.C. Mil. Med.*		(Spec. Lect.)			

DETAILED SCHEDULE:

OBSTETRICS, PEDIATRICS, PSYCHIATRY, AND PUBLIC HEALTH

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Obstetrics and Gynecology	Pediatrics	Pediatrics	Pediatrics	Obstetrics and Gynecology	
10-11						
11-12						
12-1	Public Health	Ob. & Gyn.	Pediatrics	Medicine	Surgery	Ob. & Gyn.
2-3	C.P.C. Mil. Med.*	Pediatrics Group 1.	(Spec. Lect.)	Public Health	Psychiatry Group 1.	
3-4		Psychiatry Group 2.			Pediatrics Group 2.	
4-5						

() When Scheduled.

*Elective—From 4-5 p.m.

FOURTH YEAR SCHEDULE

1940-41

QUARTER SYSTEM

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Group A: Surgery (1); Ped, Psych, Elect (2); Medicine (3); Ob. & Gyn. (4). Group B: Medicine (1); Ob. & Gyn. (2); Surgery (3); Ped, Psych, Elect (4). Group C: Ped, Psych, Elect (1); Medicine (2); Ob. & Gyn. (3); Surgery (4). Group D: Ob. & Gyn. (1); Surgery (2); Ped, Psych, Elect (3); Medicine (4).					
10-11						
11-12						
12-1	Medicine	Public Health	Psychiatry	Medicine	Surgery	Legal Med.**
2-3						
3-4						
4-5						
	C.P.C.*		(Spec. Lect.) Mil. Med.†			

*Regular section work takes precedence over C.P.C.

**From March 8 to May 24, inc.

() When scheduled.

†Elective.

DETAILED SCHEDULE: PEDIATRICS AND PSYCHIATRY

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Pediatrics		Psychiatry	Pediatrics		
10-11						
11-12						
12-1	Medicine	Public Health	Psychiatry	Medicine	Surgery	Legal Med.**
2-3	Psychiatry		Pediatrics	Psychiatry		
3-4						
4-5						
			(Spec. Lect.) Mil. Med.†			

Group C-1: Ped., Psych, September 18 to October 16; Electives October 17 to November 16.
 Group C-2: Electives September 18 to October 16; Ped, Psych. October 17 to November 16.

Group A-1: Ped, Psych, November 18 to December 20; Electives January 2 to 29.

Group A-2: Electives November 18 to December 20; Ped., Psych, January 2 to 29.

Group D-1: Ped, Psych. January 30 to March 1; Electives March 3 to 29.

Group D-2: Electives January 30 to March 1; Ped, Psych. March 3 to 29.

Group B-1: Ped, Psych. March 31 to April 29; Electives April 30 to May 29.

Group B-2: Electives March 31 to April 29; Ped, Psych. April 30 to May 29.

THE GRADUATE SCHOOL

The Graduate School has exclusive control of all graduate work carried on in the University. Certain professors in the pre-clinical departments of the Cornell University Medical College offer graduate instruction as an integral part (Group F) of the Graduate School of Cornell University. Properly qualified students may accordingly enter upon graduate work in New York City under the jurisdiction of professors in these departments and may become candidates for advanced degrees under the same conditions as apply to students in other divisions of the Graduate School. Although Cornell University Medical College intends to develop special opportunities for advanced work of high quality in the medical sciences and in the clinical fields, it does not at present offer work corresponding to that usually described as *clinical post-graduate work*.

To be admitted to the Graduate School, an applicant (1) must have received his baccalaureate degree from a college or university of recognized standing, or have done work equivalent to that required for such degree; (2) as judged by his previous scholastic record, or otherwise, must show promise of ability satisfactorily to pursue advanced study and research; and (3) must have had adequate previous preparation in his chosen field of study to enter at once upon graduate study in that field. An applicant who is not a graduate of Cornell University must submit complete official transcripts of all previous college studies.

Application for admission should be made at the office of the Dean, Cornell University Medical College, New York City, where the necessary forms may be obtained. Dr. C. V. Morrill, Chairman of Group F of the Graduate School may be consulted (at the medical college) for additional information. Since the number of graduate students who can be accommodated is limited, a personal interview is required of all applicants *before the filing of forms*. Applicants who have been accepted should file their forms at the earliest possible date, ordinarily not later than September 15 and January 15 for entrance to the first and second terms, respectively.

Students may be admitted to the Graduate School at the medical college in one of the following two classes:

- (1) Candidates for degrees;
- (2) Graduate students not candidates for degrees; "non-candidates."

For more detailed information concerning the rules and regulations covering graduate work in the Graduate School, the pamphlet entitled *The Announcement of the Graduate School* should be consulted by the candidate before application for admission. A copy of this announcement may be obtained at the Administrative Offices of the Medical College or directly from the Graduate School at Ithaca, N. Y.

TUITION AND OTHER FEES

A *Tuition Fee* of \$200 for the academic year is to be paid by all students registered in the Graduate School. It is payable in installments of \$100 at the beginning of each term.

A member of the teaching or scientific staff registered in the Graduate School of the Medical College shall pay tuition at the rate of three-quarters of the tuition regularly charged full time students.

Graduate students holding certain appointments as University Fellows or Graduate Scholars and holders of certain temporary fellowships and scholarships are exempt from the payment of the tuition fee.

An *Administration Fee* of \$25 is to be paid by all students registered in the Graduate School except Honorary Fellows. It is payable in installments of \$12.50 at the beginning of each term.

A *Matriculation Fee* of \$10 is required of every student upon his first entrance into the University. It must be paid at the time of registration and is not refundable.

A *Graduation Fee* of \$20 is required, at least ten days before the degree is to be conferred, of every candidate for an advanced degree. The fee will be returned if the degree is not conferred.

A *Thesis Fee* of \$10 is required, at least ten days before the degree is to be conferred, of each candidate for the degree, Doctor of Philosophy. This fee is in addition to the \$20 graduation fee.

TUITION SCHOLARSHIPS

For Graduate students, the Board of Trustees has established thirty tuition scholarships. They entitle the holder to exemption from payment of tuition fees, but not other fees, for the duration of the appointment. Applications should be made to the professor, or professors, in whose field the applicant is working, or to the office of the Graduate School by March 1 of the academic year preceding that for which the award is desired. Awards are made in April of each year.

SPECIAL STUDENTS

All students *not registered in Cornell University Graduate School and not registered for the M.D. degree* are SPECIAL STUDENTS. These are SPECIAL STUDENTS in the true sense of the word and must be especially qualified in preparation, ability, and objective in order to receive any consideration. They may or may not be graduate students in the sense of having completed work for a collegiate degree. They are admitted *only by the consent of the head of the department* and must be registered in the Administrative Offices of the medical college and must pay their fees at the business office before being admitted to lectures or laboratory periods. They are required to carry and show on demand of the authorities a permit of attendance.

FEES

Matriculation Fee	\$10
Administration Fee	5

Tuition fees vary depending upon the type of work taken.
A breakage fee may be required.

INTERNSHIP APPOINTMENTS, CLASS OF 1940 DOCTORS OF MEDICINE, JUNE 5, 1940

Edward T. Adelson, A.B.	Queens General Hospital, Jamaica, N. Y.
Katherine H. Anderson, B.S.	Jersey City Medical Center, Jersey City, N. J.
Frank L. Armstrong, A.B.	Boston City Hospital, Boston, Mass.
Lamson Blaney, B.S.	Knickerbocker Hospital, New York, N. Y.
Harry A. Bradley, A.B.	University of Minnesota Hospital, Minneapolis, Minn.
Everett C. Bragg, A.B.	The George F. Geisinger Memorial Hospital, Danville, Pa.
Wilhelm H. Brauns, B.S.	Strong Memorial Hospital, Rochester, N. Y.
Ezra V. Bridge, A.B.	University Hospital, Ann Arbor, Mich.
Robert B. Bryant, B.S.	St. Joseph's Hospital, Syracuse, N. Y.
William H. Burke, A.B.	Jersey City Medical Center, Jersey City, N. J.
Alvin M. Cahan, A.B.	Queen's General Hospital, Jamaica, N. Y.
Donald Campbell, B.S.	French Hospital, New York, N. Y.
James D. Carter, A.B.	Lincoln Hospital, New York, N. Y.
John M. Chapman, A.B.	Genesee Hospital, Rochester, N. Y.
Francis P. Coombs, A.B.	The Methodist Hospital, Brooklyn, N. Y.
George L. Crane, B.A.	Watts Hospital, Durham, N. C.
John J. Creedon, A.B.	Bellevue Hospital, New York, N. Y.
George B. Davis, A.B.	Nesbit Memorial Hospital, Kingston, Pa.
James A. Dingwall, III, A.B.	New York Hospital, New York, N. Y.
William A. Donnelly, A.B.	Bridgeport Hospital, Bridgeport, Conn.
Lisgar B. Eckardt, A.B., M.A., Ph.D.	New York Hospital, New York, N. Y.
William F. Finn, A.B.	Albany Hospital, Albany, N. Y.
Herman I. Frank, A.B.	Hospital for Joint Diseases, New York, N. Y.
Helena Gilder, A.B.	Mary Imogene Bassett Hospital, Cooperstown, N. Y.
M. Elizabeth Grant, A.B.	New York Hospital, New York, N. Y.
Robert P. Grant, A.B.	Peter Bent Brigham Hospital, Boston, Mass.
John A. Grimshaw, A.B.	New York Post-Graduate Hospital, New York, N. Y.
William H. Gullledge, A.B.	New York Hospital, New York, N. Y.
Keith O. Guthrie, Jr., A.B.	Bellevue Hospital, New York, N. Y.
Samuel A. Guttman, A.B., M.A., Ph.D.	Philadelphia Jewish Hospital, Philadelphia, Pa.
Thomas S. Harbin, B.S.	Vanderbilt University Hospital, Nashville, Tenn.
John R. Herman, A.B.	Sinai Hospital, Baltimore, Md.
Suzanne A. L. Howe, A.B.	Jersey City Medical Center, Jersey City, N. J.
Charles K. Kirby, B. S.	New York Hospital, New York, N. Y.
William M. M. Kirby, B.S.	New York Hospital, New York, N. Y.
Robert A. Kritzler, A.B.	Presbyterian Hospital, New York, N. Y.
Frances S. Lansdown, A.B.	Bellevue Hospital, New York, N. Y.
Edmond P. Larkin, A.B.	Hartford Municipal Hospital, Hartford, Conn.
Charles H. Loomis, A.B.	Binghamton Hospital, Binghamton, N. Y.
Kenneth G. MacDonald, A.B.	Lenox Hill Hospital, New York, N. Y.
L. Wayland Macfarlane, A.B.	Barnes Hospital, St. Louis, Mo.
William W. Manson, A.B.	The George F. Geisinger Memorial Hospital, Danville, Pa.
John L. Messersmith, A.B.	Mountainside Hospital, Montclair, N. J.

Arthur G. Murphy, A.B.
 Francis J. Murray, B.S.
 William M. Parke, Jr., B.S.
 Ethel B. Powell, A.B.
 Edwin R. Raymaley, Jr., B.S.
 Robert M. Richman, A.B.
 Samuel A. Robb, A.B.
 Howard C. Robbins, B.S., M.A.
 James B. Rooney, A.B.
 Walter A. Russell, B.A.
 Gerald S. Ryan, A.B.
 Jacques C. Saphier, A.B.
 Carl J. Schmidlapp, A.B.
 Cornelius E. Sedgwick, B.S.
 Helen A. M. Seibert, A.B.
 Edward M. Shepard, A.B.
 Robert W. Shreve, A.B.
 Stanley J. Snitow, B.S.
 Elizabeth E. Spaulding, A.B.
 Donald E. Stokes, A.B.
 Charles M. Strateman, A.B.
 John A. Strazza, Jr., A.B.
 Walter T. Sullivan, Jr., B.S.
 Walter C. Vail, A.B.
 William W. Walker, B.S.
 William E. Williams, A.B.
 John E. Wilson, B.S.

Mountainside Hospital, Montclair, N. J.
 French Hospital, New York, N. Y.
 Brooklyn Hospital, Brooklyn, N. Y.
 Allentown Hospital, Allentown, Pa.
 Meadowbrook Hospital, Hempstead, N. Y.
 Beth Israel Hospital, Boston, Mass.
 Bellevue Hospital, New York, N. Y.
 Jersey City Medical Center, Jersey City, N. J.
 Fordham Hospital, New York, N. Y.
 Knickerbocker Hospital, New York, N. Y.
 United Hospital, Port Chester, N. Y.
 New York Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 Roosevelt Hospital, New York, N. Y.
 Harrisburg Hospital, Harrisburg, Pa.
 Presbyterian Hospital, New York, N. Y.
 Hartford Hospital, Hartford, Conn.
 Mount Sinai Hospital, New York, N. Y.
 Grasslands Hospital, Valhalla, N. Y.
 Orange Memorial Hospital, Orange, N. J.
 Lenox Hill Hospital, New York, N. Y.
 Jersey City Medical Center, Jersey City, N. J.
 Albany Hospital, Albany, N. Y.
 Long Island College Hospital, Brooklyn, N. Y.
 Fordham Hospital, New York, N. Y.
 Jersey City Medical Center, Jersey City, N. J.
 Genesee Hospital, Rochester, N. Y.

STUDENTS, 1940-41

FOURTH YEAR

- Joffre Victor Achin, B.S., 1937, Tufts College
 Clifford Arthur Bachrach, A.B., 1937, Cornell University
 Margaret Bashford, A.B., 1937, Vassar College
 Louis Vincent Belott, B.S., 1936, St. Peter's College
 Morley Leonard Bernstein, A.B., 1938, Cornell University
 Hobert Meredith Berry, A.B., 1938, Cornell University
 Thomas John Bridges, A.B., 1937, University of Rochester
 Wilbur Buholtz, A.B., 1937, University of Rochester
 Benjamin Wells Bullen, Jr., A.B., 1936, Brown University
 William Nesbitt Chambers, A.B., 1936, Amherst College
 Elizabeth Nelson Conover, A.B., 1937, Wellesley College
 Arthur Dale Console, B.S., 1937, Cornell University
 Francis Leroy Cooper, Jr., A.B., 1937, Bowdoin College
 Helen Elizabeth Daniells, A.B., 1937, Barnard College
 Eric Winston Davidson, A.B., 1938, Dartmouth College
 Wilbur Mayfield Dixon, A.B., 1937, Cornell University
 Charles Edward Dougherty, B.S., 1937, Fordham University
 William Joseph Eisenmenger, B.S., 1937, Fordham University
 Edward Alden Ellison, A.B., 1936, Colgate University
 John Ernest Emmett, A.B., 1936, Lafayette College
 Hayden Oliver Evans, A.B., 1938, Cornell University
 Lawrence Gahagan, B.S., 1925, M.A., 1927, Ph.D., 1929, Princeton
 William Anthony Geohagan, E.E., 1929, Cornell University
 Oscar Emanuel Goldstein, A.B., 1937, Cornell University
 Henry Harris Graham, B.S., 1937, University of Florida
 Otis Eugene Hanes, A.B., 1937, Columbia University
 Richard Graves Hardenbrook, A.B., 1937, University of Michigan
 Robert Thompson Hendricks, B.S., 1937, University of Florida
 Charles Elmer Holzer, Jr., B.S., 1937, Haverford College
 Andrew Dickson Hunt, Jr., B.S., 1937, Haverford College
 Charles Swift Jones, A.B., 1937, Emory University
 Ellis William Jones, Jr., B.S., 1937, Harvard College
 Christian Keedy, A.B., 1937, Amherst College
 Park Dudley Keller, B.S., 1930, Utah State Agricultural College,
 Ph.D., 1938, Cornell
 Charles Everett Koop, A.B., 1937, Dartmouth College
 Joseph Abraham Leonard, A.B., 1937, Cornell University
 Robert Osborn Loomis, A.B., 1938, Cornell University
 Grover Arthur Lyon, Jr., B.S., 1937, Columbia University
 Richard Ronald McCormack, A.B., 1937, Columbia College
 Alexander Sterling MacDonald, Jr., A.B., 1936, Harvard College
 Elizabeth McNaughton Main, A.B., 1937, Mount Holyoke College
 John Jacob Morris, A.B., 1937, Holy Cross College
 Charles Benjamin Mosher, A.B., 1938, Cornell University
 Foster Dickerman Park, A.B., 1937, Smith College
 Milton Reeves Porter, A.B., 1938, Cornell University
 Edward Abiel Raymond, II, A.B., 1937, Yale University
 John Francis Swett Reed, B.S., 1937, Bowdoin College
 James Buchanan Ridley, A.B., 1937, University of Alabama
 Edward Champlain Riley, M.E., 1931, Cornell, M.S., 1934, Harvard
 Edwin Carman Rowe, B.S., 1937, Wesleyan College
 George Robert Saunders, B.S., 1937, Lafayette College
 Stanley David Simon, A.B., 1937, Cornell University
 Lowell, Mass.
 Brooklyn, N. Y.
 Yonkers, N. Y.
 West Orange, N. J.
 Niagara Falls, N. Y.
 Lynbrook, N. Y.
 Fairport, N. Y.
 Churchville, N. Y.
 White Plains, N. Y.
 New York, N. Y.
 Greenwich, Conn.
 Brooklyn, N. Y.
 Brockton, Mass.
 New Rochelle, N. Y.
 Upper Montclair, N. J.
 Binghamton, N. Y.
 Harrison, N. Y.
 New York, N. Y.
 Albany, N. Y.
 New York, N. Y.
 Tamaqua, Pa.
 Dallas, Texas
 Dayton, Ohio
 Passaic, N. J.
 Gainesville, Fla.
 Fort McPherson, Ga.
 Rochester, N. Y.
 Jacksonville, Fla.
 Gallipolis, Ohio
 Haverford, Pa.
 Atlanta, Ga.
 Los Angeles, Calif.
 Amherst, Mass.
 Mink Creek, Idaho
 Brooklyn, N. Y.
 Brooklyn, N. Y.
 Rochester, N. Y.
 Bridgeport, Conn.
 Verona, N. J.
 Winchester, Mass.
 Swarthmore, Pa.
 New York, N. Y.
 Dunkirk, N. Y.
 Brooklyn, N. Y.
 Garden City, N. Y.
 Scarsdale, N. Y.
 Rockport, Mass.
 New York, N. Y.
 Plainfield, N. J.
 East Hampton, N. Y.
 Maplewood, N. J.
 Brooklyn, N. Y.

- Abraham Sophian, Jr., B.S., 1938, Stanford University
 Emmet Robinson Spicer, A.B., 1937, University of North Carolina
 Richard Boies Stark, A.B., 1936, Stanford University
 Mildred Harvell Thompson, B.A., 1937, University of Mississippi
 John Joseph Thorpe, B.S., 1937, Fordham University
 Eben Dawes Tisdale, A.B., 1937, Amherst College
 Preston Stenz Weadon, A.B., 1938, Cornell University
 Winthrop Sherwood Welch, A.B., 1937, Cornell University
 Roscoe Squires Wilcox, A.B., 1938, Cornell University
 George Anthony Wolf, Jr., B.S., 1936, New York University
 Emanuel Wolinsky, A.B., 1938, Cornell University
 Robert Post Worden, B.S., 1937, Hamilton College
- Kansas City, Mo.
 Goldsboro, N. C.
 Riverside, Cal.
 Mountain Lakes, N. J.
 Atlantic Highlands, N. J.
 Taunton, Mass.
 Garden City, N. Y.
 New York, N. Y.
 Rochester, N. Y.
 Montclair, N. J.
 New York, N. Y.
 Auburn, N. Y.

THIRD YEAR

- Margaret MacCrae Austin, A.B., 1938, Vassar College
 Alan Norton Benner, A.B., 1937, Pomona College
 Henry Bertull, A.B., 1938, Columbia University
 George Carswell Blanchard, Jr., B.S., 1938, Georgia School of Tech.
 S. Hillel Blondheim, B.S., 1938, College of the City of New York
 Charles Breedis, A.B., 1938, New York University
 Seymour Menzo Bulkley, A.B., 1937, Cornell University
 Otto Whitmore Burtner, Jr., B.S., 1931, Mass. Inst. of Technology
 John George Chesney, A.B., 1938, Yale University
 Galen Marke Cundiff, A.B., 1937, M.A., 1938, University of Kentucky
 Edward Lintott Curran, A.B., 1938, Bowdoin College
 George William Dana, A.B., 1938, Dartmouth College
 William Hope Dean, B.A., 1938, Brown University
 Julius Herbert Dietz, Jr., A.B., 1938, Columbia University
 Richard Byron Donaldson, B.S., 1938, Washington and Jefferson
 William Russell Eastman, Jr., A.B., 1938, Pomona College
 Bruce M. Esplin, A.B., 1939, Cornell University
 John Thomas Flynn, A.B., 1937, Fordham University
 Robert Emmett Foley, A.B., 1938, Dartmouth College
 Trumbull Frazer, A.B., 1938, Yale University
 Bettina Boyd Garthwaite, A.B., 1937, Vassar College
 Theodore Charles Gerwig, Jr., A.B., 1938, Cornell University
 Onslow Allen Gordon, III, A.B., 1938, Dartmouth College
 Vincent Augustine Gorman, A.B., 1935, University of Notre Dame
 William Joseph Grace, B.S., 1938, St. Peter's College
 John Borden Graham, B.S., 1938, Davidson College
 William Arthur Harvey, A.B., 1938, Fordham University
 George Hathaway, Jr., B.A., 1938, Colgate University
 Robert Cornelius Hickey, B.S., 1938, Cornell University
 John Stone Hooley, A.B., 1938, Cornell University
 William Theron Hudspeth, B.A., 1936, University of Arizona,
 M.A., 1938, University of California
 Carlton Cuyler Hunt, Jr., A.B., 1939, Columbia University
 John Henry Huss, A.B., 1938, Columbia University
 Daniel Robert Keating, B.S., 1938, Holy Cross College
 Robert McKee Kiskaddon, A.B., 1938, Washington and Jefferson
 Charles Monroe Landmesser, A.B., 1939, Cornell University
 Lawrence Lee, Jr., B.S., 1938, University of Virginia
 Daniel Easer Lester, B.S., 1938, Fordham University
 Freeman Donnellon Love, A.B., 1937, Brown University
 Robert Alexander Love, A.B., 1937, Brown University
 John Francis McGrath, Jr., B.A., 1938, Amherst College
 David Hower MacFarland, A.B., 1938, Cornell University
 Richard Vernon Mansell, A.B., 1936, Colgate University,
 M.A. 1938, Syracuse University
- Upper Montclair, N. J.
 San Mateo, Calif.
 New York, N. Y.
 Augusta, Georgia
 New York, N. Y.
 Philadelphia, Pa.
 Odessa, N. Y.
 New York, N. Y.
 New York, N. Y.
 Somerset, Ky.
 Bangor, Maine
 Scarsdale, N. Y.
 New York, N. Y.
 New York, N. Y.
 St. Petersburg, Fla.
 La Jolla, Calif.
 Miami Beach, Fla.
 Erie, Pa.
 Worcester, Mass.
 Asheville, N. C.
 Conshohocken, Pa.
 Pittsburgh, Pa.
 Brooklyn, N. Y.
 Kingston, N. Y.
 Jersey City, N. J.
 Goldsboro, N. C.
 Brooklyn, N. Y.
 Upper Montclair, N. J.
 Elmira, N. Y.
 Rockville Centre, N. Y.
 Tuscon, Ariz.
 New York, N. Y.
 E. Port Chester, Conn.
 Milwaukee, Wis.
 Coshocton, Ohio
 Livingston, N. J.
 Savannah, Ga.
 East Hampton, N. Y.
 Brooklyn, N. Y.
 Brooklyn, N. Y.
 New York, N. Y.
 Utica, N. Y.
 New York, N. Y.

- Robert George Marks, A.B., 1938, Columbia University
 John Burton Mayes, B.S., 1939, Ohio University
 Frederic Breed Mayo, A.B., 1938, Amherst College
 William Talbot Mosenthal, A.B., 1938, Dartmouth College
 Thomas Edward Mosher, B.S., 1938, Coll. of the City of New York
 Robert Cushman Murphy, Jr., A.B., 1938, Harvard University
 Carleton McKenzie Neil, A.B., 1938, Columbia University
 Ward Daniel O'Sullivan, A.B., 1938, Fordham University
 Albert Morss Patten, A.B., 1938, Washburn College
 Arthur Nottingham Pauly, A.B., 1938, Cornell University
 Raymond Pearson, A.B., 1938, Cornell University
 John McClelland Peck, B.S., 1938, Cornell University
 Charles Richard Perryman, B.A., 1938, Dartmouth College
 John Bernard Pfeiffer, Jr., B.S., 1938, St. Peter's College
 Arthur Delong Philson, B.S., 1938, University of Notre Dame
 Robert Seymour Pollack, A.B., 1938, Dartmouth College
 Oliver James Purnell, Jr., A.B., 1938, Duke University
 Walter Franklyn Riker, B.S., 1939, Columbia University
 Franklin Robinson, A.B., 1939, Columbia University
 Heber Hinds Ryan, Jr., B.S., 1939, University of Wisconsin
 Irving Sarnoff, A.B., 1938, Cornell University
 Robert Joseph Schaffer, B.S., 1938, Pennsylvania State College
 Joseph Schulman Shapiro, A.B., 1939, Cornell University
 Sabato-Vincent, R. Sordillo, A.B., 1938, Columbia University
 Walter Joseph Sperling, Jr., A.B., 1938, Wesleyan University
 Charles Arthur Lloyd Stephens, Jr., A.B., 1938, Cornell University
 Katharine Whitin Swift, A.B., 1938, Smith College
 Corrine Louise Tanner, B.A., 1938, Reed College
 Ralph Pierre Townsend, A.B., 1938, Wesleyan University
 William Easton Wakeley, Jr., A.B., 1938, Univ. of North Carolina
 Willet Francis Whitmore, Jr., B.S., 1938, Rutgers University
 John Rawling Willoughby, Jr., A.B., 1938, Amherst College
 Thomas Scudder Winslow, Jr., A.B., 1938, Princeton University
 New York, N. Y.
 Brooklyn, N. Y.
 Lynn, Mass.
 Upper Montclair, N. J.
 New York, N. Y.
 Bronxville, N. Y.
 North Bergen, N. J.
 New Haven, Conn.
 Topeka, Kans.
 Montclair, N. J.
 Ithaca, N. Y.
 Cortland, N. Y.
 Red Oak, Iowa
 Hollis, N. Y.
 Pelham, N. Y.
 New York, N. Y.
 Rockville, Conn.
 Jackson Heights, N. Y.
 New York, N. Y.
 Upper Montclair, N. J.
 Ossining, N. Y.
 Jeannette, Pa.
 Paterson, N. J.
 New York, N. Y.
 Montclair, N. J.
 Rochester, N. Y.
 Whitinsville, Mass.
 Portland, Oregon
 Hartsdale, N. Y.
 South Orange, N. J.
 Amityville, N. Y.
 Warren, Ohio
 New York, N. Y.

SECOND YEAR

- Joseph Francis Artusio, Jr., B.S., 1939, St. Peter's College
 Joseph Blanchard, B.A., 1939, Wesleyan University
 Samuel Gilbert Blount, Jr., B.S., 1939, Rhode Island State College
 James William Boyd, B.A., 1939, Princeton University
 Clarence Edwards Case, Jr., A.B., 1939, Princeton University
 Frederic Bridgman Champlin, A.B., 1940, Columbia University
 Wayne Albert Chesledon, A.B., 1940, Cornell University
 Carl Wesley Clark, Jr., A.B., 1940, Cornell University
 Robert Martin Clyne, B.S., 1939, Fordham University
 Laurence Meredith Currier, B.S., 1939, Bucknell University
 Robert Merritt Dalrymple, A.B., 1939, Columbia University
 Ethel Shepherd Dana, A.B., 1939, Bryn Mawr College
 Robert Douglas Deans, A.B., 1940, Cornell University
 Joseph Carlos Denslow, Jr., A.B., 1932, Ohio Wesleyan University
 Peter De Witt, B.A., 1939, Union College
 Robert Hugh Draddy, B.S., 1939, Manhattan College
 Albert Anthony Dunn, Jr., B.S., 1939, Fordham University
 Henry John Ehresman, A.B., 1940, Cornell University
 Thomas Kerstetter Ellis, B.S., 1938, Mount Union College
 Alan Wilson Fraser, A.B., 1939, Bard College
 Julien Andre Garbat, Cornell University**
 Jersey City, N. J.
 Brookline, Mass.
 Providence, R. I.
 Upper Montclair, N. J.
 Somerville, N. J.
 Albion, Maine
 Fishers Island, N. Y.
 Cortland, N. Y.
 New York, N. Y.
 Westfield, N. J.
 Morristown, N. J.
 New York, N. Y.
 Ridgewood, N. J.
 Woodside, N. Y.
 South Orange, N. J.
 New York, N. Y.
 Astoria, N. Y.
 Utica, N. Y.
 Massillon, Ohio
 Watertown, N. Y.
 New York, N. Y.

**Degree deferred.

- John Glasson, A.B., 1939, Duke University
 Rosemary Veronica Gorman, A.B., 1939, Trinity College (D. C.)
 Francis Greenspan, A.B., 1940, Cornell University
 Edward Stewart Holcomb, A.B., 1939, Cornell University
 Edward Gordon Howe, A.B., 1939, Princeton University
 Bernard Hyde, A.B., 1939, Cornell University
 Cedric Clarendon Jimerson, A.B., 1940, Cornell University
 Arthur Daniel Josephson, B.S., 1939, Manhattan College
 Charles Frederick Laycock, A.B., 1939, Princeton University
 James Robert Lee, B.S., 1939, Georgetown University
 Benjamin Franklin Levy, Jr., A.B., 1939, Cornell University
 John Llanyllan Lewis, A.B., 1935, Cornell University
 Morris Owen Locks, A.B., 1940, Cornell University
 Frances Woods Lovejoy, B.A., 1938, Wellesley College
 William McDermott, A.B., 1936, Princeton University
 M.A., 1938, Columbia University
 Henry Charles McDuff, A.B., 1938, Dartmouth College
 Frank Hamilton McNutt, Jr., B.S., 1939, Washington and Jefferson
 Archibald Duncan MacDougall, A.B., 1940, Colgate University
 John Brown Manning, Jr., B.A., 1939, Pomona College
 Robert Monroe Marcussen, A.B., 1940, Cornell University
 Robert George Marquardt, A.B., 1939, Cornell University
 Guy Burnham Maynard, Jr., B.S., 1939, Trinity College
 Richard Vincent Meaney, A.B., 1940, Cornell University
 John Sherman Mertz, A.B., 1939, Yale University
 Paul Eugene Messier, A.B., 1939, Bowdoin College
 Robert Jason Michtom, A.B., 1939, Cornell University
 Harold Cecil Miles, A.B., 1940, Cornell University
 Benjamin Henry Morris, B.A., 1939, Montana State University
 John Langdon Norris, B.S., 1939, Rutgers University
 Mervin Goodman Olinger, A.B., 1939, Cornell University
 Richard Searles Osenkop, A.B., 1940, Cornell University
 Thomas Paine Potter, Jr., B.A., 1939, DePauw University
 Charles Povolny, B.A., 1939, Lafayette College
 Alden Raisbeck, B.A., 1939, Columbia University
 Ralph Winne Reynolds, A.B., 1939, Dartmouth College
 John Mark Richards, A.B., 1940, Cornell University
 Theodore Robertson, B.S., 1939, Cornell University
 Robert Misner Rose, A.B., 1939, Cornell University
 Seymour Edward Rosenthal, B.A., 1939, Columbia University
 Frank Philip Sainburg, A.B., 1939, Cornell University
 Frederick Kingsbury Sargent, B.A., 1939, Yale University
 Katharine Scudder, A.B., 1939, Vassar College
 Leyland Edwards Stevens, B.A., 1939, Wesleyan University
 John Howard Stover, Jr., B.S., 1939, Albright College
 Joseph Franklyn Taggard, B.S., 1939, Manhattan College
 Archibald Wilson Thomson, Jr., A.B., 1939, Cornell University
 Elmer Howard Tuttle, B.S., 1939, Columbia University
 Bruce Roberts Valentine, A.B., 1939, Swarthmore College
 Samuel Grant Frear Waddill, B.S., 1939, Washington and Jefferson
 Walter Charles Watkins, B.A., 1939, University of Texas
 Susan Whyte Williamson, A.B., 1939, Vassar College
 Walter Edward Wright, B.A., 1939, Wesleyan University
- Durham, N. C.
 Kingston, N. Y.
 Perth Amboy, N. J.
 Brooklyn, N. Y.
 Passaic, N. J.
 Brooklyn, N. Y.
 Corning, N. Y.
 Spring Valley, N. Y.
 Wilkes-Barre, Pa.
 Bronxville, N. Y.
 Elmira, N. Y.
 Hartsdale, N. Y.
 Brooklyn, N. Y.
 Scarsdale, N. Y.
- New York, N. Y.
 Pawtucket, R. I.
 Ford City, Pa.
 Groton, Conn.
 Santa Barbara, Calif.
 Maplewood, N. J.
 Binghamton, N. Y.
 Lexington, Mass.
 Roslyn Heights, N. Y.
 Albany, N. Y.
 Worcester, Mass.
 Brooklyn, N. Y.
 Olean, N. Y.
 Greenough, Montana
 Dongan Hills, N. Y.
 Bloomfield, N. J.
 New York, N. Y.
 New York, N. Y.
 Long Island City, N. Y.
 New York, N. Y.
 Albany, N. Y.
 Stony Point, N. Y.
 Brooklyn, N. Y.
 Tonawanda, N. Y.
 Brooklyn, N. Y.
 Ithaca, N. Y.
 North Haven, Conn.
 Claremont, Calif.
 Naugatuck, Conn.
 N. Arlington, N. J.
 New York, N. Y.
 Poughkeepsie, N. Y.
 Rochester, N. Y.
 Kew Gardens, N. Y.
 Passaic, N. J.
 Amarillo, Texas
 New York, N. Y.
 Manchester, Conn.

FIRST YEAR

- Robert Eugene Ahearn, A.B., 1940, Cornell University
 Harold Sidney Auerhan, A.B., 1940, Cornell University
 Frederick Armour Beardsley, Jr., A.B., 1940, Cornell University
- Binghamton, N. Y.
 Passaic, N. J.
 Claverack, N. Y.

- Juan Manuel Bertrán, Jr., A.B., 1940, Cornell University
 Noltton Hunter Bigelow, B.A., 1940, Yale University
 Irving Harrison Blumberg, A.B., 1940, Cornell University
 Charles William Boozan, Princeton University**
 Carolyn Veronica Brignola, A.B., 1940, Cornell University
 Nathalie Jeanne Brooks, A.B., 1940, Smith College
 Claude Armour Burnett, Jr., A.B., 1940, Colgate University
 Waldo Emerson Burnett, B.S., 1940, Yale University
 James Charles Canniff, B.S., 1940, Seton Hall College
 Henry Wellons Covington, A.B., 1940, Fordham University
 Julia Denton Cuddeback, A.B., 1940, Mount Holyoke College
 Robert Porter Cutler, A.B., 1940, Princeton University
 William Anderson Dickson, A.B., 1936, Harvard University
 John Joseph Drucker, B.S., 1940, Fordham University
 Henry Rolfe Eagle, A.B., 1940, Cornell University
 Frederick Reid Fenning, A.B., 1940, Fordham University
 Frank Currier Ferguson, Jr., B.S., 1940, Bucknell University
 Solomon Garb, A.B., 1940, Cornell University
 David Martindale Gerber, A.B., 1940, Yale University
 Otto George Goldkamp, A.B., 1940, Stanford University
 James Louis Green, Cornell University*
 Mordecai Halpern, B.S., 1940, University of Michigan
 Gerald Joseph Halton, A.B., 1940, Holy Cross College
 Peter Edward Hanlon, B.S., 1940, Villanova College
 James Barnes Hartgering, Cornell University*
 Henry Jay Heimlich, Cornell University*
 Carl Kert Heins, B.A., 1940, Colgate University
 Herbert Frederick Hempel, B.S., 1940, Colgate University
 Daniel Hickey, Jr., A.B., 1940, Ohio Wesleyan University
 George Riley Holswade, A.B., 1940, Brown University
 Guy Robert Hopper, Colgate University*
 Cecil Ray Huggins, Cornell University*
 Harriet Hull, B.A., 1940, Wellesley College
 Shuya Kaufman, Columbia University*
 John Ulrich Keating, B.S., 1940, Pennsylvania State College
 Wilfred Hanners Kelley, A.B., 1934, Montclair Teachers College
 Robert Orcutt Kellogg, Jr., B.S., 1940, Davidson College
 Richard Edwin Kobalak, A.B., 1940, Princeton University
 Marian Lambert, A.B., 1940, New York University
 Alfred Leo Lane, A.B., 1940, Princeton University
 Julius Lawrence Levy, B.A., 1940, University of Pennsylvania
 John Wesley Little, Jr., A.B., 1940, Cornell University
 Robert Elsworth Littlejohn, B.S., 1940, State College of Washington
 Benjamin John Lord, Jr., A.B., 1940, Union College
 Charles Gordon Lovingood, B.A., 1939, University of Tennessee
 John Dennis McElhinney, A.B., 1940, University of Pennsylvania
 James Allen McMurrin, B.S., 1940, Utah State Agricultural College
 William James MacDonald, A.B., 1940, Brown University
 Alan Palmer Macfarlane, B.S., 1939, Utah State Agricultural College
 Roy Jay Marshall, Jr., B.S., 1940, Hamilton College
 Frank French Martin, B.A., 1940, Iowa University
 Avery Mason Millard, B.S., 1940, Colgate University
 Theodore Prince Needham, A.B., 1940, Princeton University
 George Platt Pilling, 4th, B.A., 1940, Yale University
 Harry Tyndale Powers, A.B., 1940, Princeton University
 Lawrence Richard Prouty, B.A., 1940, University of Colorado
 George Gordon Reader, A.B., 1940, Cornell University
 Linwood Manning Rowe, B.S., 1940, Bowdoin College
 Morrison Rutherford, A.B., 1940, Columbia University
 Santurce, Puerto Rico
 Providence, R. I.
 Utica, N. Y.
 Elizabeth, N. J.
 Troy, N. Y.
 Croton-on-Hudson, N. Y.
 South Portland, Maine
 Arlington, Va.
 Maplewood, N. J.
 New York, N. Y.
 Port Jervis, N. Y.
 Kenilworth, Ill.
 Weston, Mass.
 Forest Hills, N. Y.
 Summit, N. J.
 New Rochelle, N. Y.
 Astoria, N. Y.
 New York, N. Y.
 Middletown, Ohio
 San Diego, Calif.
 Tarentum, Pa.
 Los Angeles, Cal.
 Holyoke, Mass.
 Floral Park, N. Y.
 Detroit, Mich.
 New Rochelle, N. Y.
 Monticello, N. Y.
 Yonkers, N. Y.
 North Canton, Ohio
 Spencer, W. Va.
 Plainfield, N. J.
 Andes, N. Y.
 Troy, N. Y.
 Newark, N. J.
 Philadelphia, Pa.
 New York, N. Y.
 Brooklyn, N. Y.
 Flushing, N. Y.
 Princeton, Mo.
 Arlington, Mass.
 Memphis, Tenn.
 Montclair, N. J.
 Olympia, Wash.
 Glens Falls, N. Y.
 Maryville, Tenn.
 Elizabeth, N. J.
 Logan, Utah
 Rumford, R. I.
 Cedar City, Utah
 Rome, N. Y.
 Eagle Grove, Iowa
 Caldwell, N. J.
 West Orange, N. J.
 Chestnut Hill, Pa.
 Mount Vernon, N. Y.
 Denver, Colorado
 Brooklyn, N. Y.
 Rumford, Maine
 Fort Totten, N. Y.

Quinton Douglas Schubmehl, Cornell University*
 Francis Stenard Schwarz, Jr., Cornell University*
 John Francis Seybolt, B.S., 1938, Yale University
 John Wellen Shepard, Ph.B., 1940, University of Wisconsin
 William Philip Simmonds, B.A., 1940, College of Wooster
 Robin Smith, B.S., 1940, University of Wisconsin
 Stephen Smith, III, A.B., 1938, A.M. 1940, Stanford University
 Benneth Leonard Snider, A.B., 1940, Cornell University
 Kathleen Marie Spellman, Cornell University*
 John Wescott Stevens, A.B., 1940, Princeton University
 Leonard Robert Straub, A.B., 1940, Fordham University
 Roy Craig Swan, Jr., Cornell University*
 Lawrence Sweeney, A.B., 1940, Princeton University
 Suyehiko Takami, Princeton University**
 Henry Tesluk, Cornell University*
 William Clark Thomas, Jr., B.S., 1940, University of Florida
 David Ryland Tomlinson, B.S., 1940, Hamilton College
 James Nixon Trousdell, A.B., 1940, Cornell University
 Philip Hobart Voorhees, A.B., 1935, Cornell University
 M.A., 1937, University of Wisconsin
 Walter Wahrenberger, A.B., 1939, Cornell University
 George Marshall Walker, A.B., 1940, Cornell University
 Frederick William Wehmeyer, Jr., B.A., 1940, Kenyon College
 Ivan Robert Wood, A.B., 1940, Cornell University

Painted Post, N. Y.
 Troy, N. Y.
 Longmeadow, Mass.
 New York, N. Y.
 New York, N. Y.
 Neenah, Wis.
 Pasadena, Calif.
 Rochester, N. Y.
 Boston, Mass.
 Belfast, Maine
 Jackson Heights, N. Y.
 Scarsdale, N. Y.
 Brooklyn, N. Y.
 Brooklyn, N. Y.
 Buffalo, N. Y.
 Gainesville, Fla.
 Watervliet, N. Y.
 Glen Cove, N. Y.
 Jamaica, N. Y.
 Woodcliff, N. J.
 Somerville, Mass.
 Staten Island, N. Y.
 Mount Morris, N. Y.

*Admitted under Clause II.

**Degree deferred.

SUMMARY

Fourth Year	64
Third Year	76
Second Year	73
First Year	85
Total	298

STUDENTS IN THE GRADUATE SCHOOL

Doctor of Philosophy, 1939

Alice Gooding Elftman, B.S., 1936, New York State College for Teachers;
M.A., 1929, Cornell University Leonia, N. J.

Master of Science, 1940

Rosalind E. Joseph, A.B., 1934, Hunter College New York, N. Y.

Candidates for the Degree of Doctor of Philosophy

William Parker Anslow, Jr., S.B., 1936, Massachusetts
Institute of Technology New York, N. Y.
Francis Binkley, B.S. Chem., 1938, Eureka College
M.S., 1939, University of Michigan Ridgefarm, Ill.
Margaret Eggleston Brown, B.A., 1927, Flora MacDonald College
M.S., 1928, Emory University Birmingham, Ala.
Dorothy Carolyn Schaefer Genghof, A.B., 1929, Barnard College
Stephen Krop, B.S., 1938, M.S., 1940, George Washington University Bronxville, N. Y.
John MacLeod, B.A., 1934, M.S., 1937, New York University Colchester, Conn.
Arden Wesley Moyer, A.B., 1937, M.S., 1938, University of Illinois New York, N. Y.
Irving Rappaport, B.S., 1936, M.S., 1937, New York University Frederick, Ill.
Jay Ruffner Schenck, B.S., 1936, M.S., 1937, University of Illinois New York, N. Y.
Sofia Simmonds, B.A., 1938, Barnard College Geneva, Ill.
George Spiller, B.A., 1937, M.A., 1938, University of Delaware New York, N. Y.
John Y. C. Watt, B.A., 1931, Iowa State University Wilmington, Del.
M.Sc., 1932, University of Illinois Shanghai, China
Clara Wooldridge, B.S., 1936, University of Chicago Little Rock, Ark.
M.A., 1939, Cornell University

Candidate for the Degree of Master of Arts

Nancy May Eggleston, B.A., 1938, Mount Holyoke College New York, N. Y.

SPECIAL STUDENTS

1939-40

Harry J. Degenhardt, B.A., 1927, Brown University
M.D., 1931, Cornell University Long Island City, N. Y.
Vincent Juster, M.D., 1929, St. Louis University Jamaica, N. Y.
Samuel Kulkin, M.D., 1913, Long Island College New York, N. Y.
Mary Helen McKenna, B.S., 1927, M.S., 1929, Iowa State College New York, N. Y.
Lieut.-Commander Clarence Myers, M.D., 1927, Ohio
State University Rio Grande, Ohio
Joseph A. Tamerin, M.D., 1932, Cornell University New York, N. Y.
Jesse Tolmach, A.B., 1924, Syracuse University
M.D., 1928, Cornell University Brooklyn, N. Y.

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Adair, Frank E.	Surgery 69
Adams, Elisabeth	Medicine 46
Adams, Harold B.	Pediatrics 57
Allen, Edward B.	Psychiatry 62
Almy, Thomas P.	Medicine 47
Anderson, Arthur F.	Pediatrics 57
Andre, Rose	Surgery 70
Andrus, William DeW.	Surgery 69
Angevine, D. Murray	Pathology 55
Anslow, William P., Jr.	Biochemistry 43
Antenucci, Arthur J.	Medicine 46
Antoville, Abraham A.	Medicine 46
Applebaum, Jacob	Surgery (Otolaryngology) 69
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Ashe, Benjamin I.	Medicine 45
Atkinson, Miles	Surgery (Otolaryngology) 69
Ayres, William H.	Surgery (Otolaryngology) 70
Bailey, Robert L., Jr.	Medicine 46
Baldwin, Horace S.	Medicine 45
Balensweig, Irvin	Surgery (Orthopedics) 69
Barbu, Valer	Psychiatry 62
Barker, Samuel B.	Medicine 48
Barnes, William A.	Surgery 70
Barringer, Benjamin S.	Surgery (Urology) 69
Baumgartner, Leona	Public Health & Preventive Medicine; Pediatrics 64; 57
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Beard, James R., Jr.	Medicine 46
Belcher, Anne S.	Surgery (Otolaryngology) 70
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Bercovitz, Zacharias	Medicine 46
Bergamini, Herbert M.	Surgery 69
Berliner, Milton L.	Surgery (Ophthalmology) 69
Bethea, James M.	Medicine 46
Binger, Carl A.	Psychiatry (Medicine) 62
Binkley, Francis	Biochemistry 43
Binkley, George E.	Medicine 46
Bird, Robert M.	Medicine 47
Black, James B., Jr.	Medicine 48
Bohnengel, Charles	Psychiatry 62
Bowers, Ralph F.	Surgery 69
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Cobb, Clement B. P.....	Pediatrics..... 57
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Conner, Lewis A.....	Medicine..... 45
Conway, Herbert.....	Surgery..... 69
Cooke, Robert A.....	Medicine..... 45
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Cornell, Nelson W.....	Surgery (Orthopedics)..... 69
Craig, Robert L.....	Obstetrics & Gynecology..... 52
Craver, Lloyd F.....	Medicine..... 45
Crutcher, Roberta.....	Psychiatry..... 62
Cussler, Edward.....	Medicine..... 45
Dann, Margaret.....	Pediatrics..... 57
Davis, John Staige, Jr.....	Surgery..... 70
Day, Richard L.....	Pediatrics..... 57
Dean, Archie L., Jr.....	Surgery (Urology)..... 69
Deitrick, John E.....	Medicine..... 46
Denker, Peter G.....	Medicine..... 46
Dennen, Edward H.....	Obstetrics & Gynecology..... 52
Despert, J. Louise.....	Psychiatry..... 62
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Dill, Leslie V.....	Obstetrics & Gynecology..... 52
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Douglas, Edward W.	Surgery 70
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Drake, Charles A.	Surgery (Ophthalmology) 70
Draper, John W.	Surgery (Urology) 70
Drew, J. Edwin.....	Surgery (Urology) 70
Du Bois, Eugene F.	Medicine..... 45
Du Bois, Robert O.	Pediatrics 57
Dudley, Guilford S.	Surgery 69
Duly, Wade.	Surgery 70
Dundee, John C.	Medicine..... 46
Dunn, William H.	Psychiatry 62
Dunning, Henry S.	Medicine..... 46
du Vigneaud, Vincent.	Biochemistry 43
Eckel, John H.	Surgery 70
Edwards, Dayton J.	Assistant Dean; Physiology 60
Eggleston, Cary.	Medicine..... 45
Elser, William J.	Appl. Path. & Bact. (Emeritus) 10
Ensworth, Herbert K.	Medicine..... 46
Erdman, Albert J.	Medicine..... 46
Erdman, Seward.	Surgery 69
Evans, Willis F.	Medicine..... 48
Ewing, James.	Pathology (Oncology) 55
Falconer, Frank M.	Medicine..... 46
Falk, Emil A.	Medicine..... 46
Farr, Charles E.	Surgery 69
Felter, Robert K.	Surgery 70
Finesilver, Edward M.	Surgery 70
Fitch, Emmet C.	Surgery (Otolaryngology) 70
Fitch, Leston E.	Obstetrics & Gynecology 52
Fonde, George H.	Medicine..... 46
Foot, N. Chandler.	Surgery (Surg. Pathology) 69
Forkner, Claude E.	Medicine..... 45
Franklin, John E.	Pediatrics 57
Freund, Jules.	Pathology..... 55
Friedman, Ben.	Medicine..... 46
Friess, Constance.	Medicine..... 46
Fulkerson, Lynn L.	Obstetrics & Gynecology 52
Furth, Jacob.	Pathology..... 55
Garrick, Thomas J.	Surgery (Otolaryngology) 70
Gause, Ralph W.	Obstetrics & Gynecology 52
Genvert, Harold.	Surgery 70
Gerster, John C. A.	Surgery 69
Gibbons, John M.	Medicine..... 46
Gibson, Charles L.	Surgery (Emeritus) 10
Gill, Dan C.	Surgery 70

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Gilmour, Andrew J.	Medicine 46
Glassman, Oscar	Obstetrics & Gynecology 52
Glenn, Frank	Surgery 69
Glusker, David	Medicine 46
Glynn, Martin J., Jr.	Pediatrics 57
Goff, Byron H.	Obstetrics & Gynecology 52
Gold, Harry	Pharmacology 59
Goodridge, Malcolm	Medicine 45
Gordon, Harry H.	Pediatrics 57
Grace, Arthur W.	Medicine 46
Graebner, Herbert	Surgery (Otolaryngology) 70
Graham, Thomas N.	Medicine 46
Grauer, Franklin H.	Medicine 46
Greeley, Arthur V.	Obstetrics & Gynecology 52
Greenacre, Phyllis	Psychiatry 62
Greenberg, Sidney	Medicine 46
Griffin, Eugene	Obstetrics & Gynecology 52
Gudger, James R.	Medicine 47
Guion, Connie M.	Medicine 45
Hamilton, Francis J.	Psychiatry 62
Hammond, Warner S.	Anatomy 40
Hansson, Kristian G.	Surgery (Orthopedics) 69
Haralambie, James Q.	Pediatrics 57
Hardy, James D.	Medicine 47
Hare, Kendrick	Anatomy 40
Harlow, Ralph P.	Psychiatry 62
Harrar, James A.	Obstetrics & Gynecology 52
Harrington, Helen	Pediatrics 57
Harrison, Harold E.	Pediatrics 57
Hartline, H. Keffer	Physiology 60
Hartwell, John A.	Surgery (Emeritus) 10
Hass, George M.	Pathology 55
Hatcher, Robert A.	Pharmacology (Emeritus) 10
Hatz, Bernard	Medicine 46
Hauser, Edwin T.	Medicine 46
Hauser, Louis A.	Medicine 46
Hausman, Louis	Medicine (Neurology) 45
Hawkins, W. Hall	Obstetrics & Gynecology 52
Haynes, Irving S.	Surgery (Emeritus) 10
Hayward, Emeline P.	Psychiatry 62
Healy, Martin J., Jr.	Surgery 70
Hebard, George W.	Medicine 46
Hehre, Edward J.	Bacteriology & Immunology 42
Helpern, Milton	Medicine; Pathology 45; 55
Henley, Thomas F.	Pediatrics 57
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MEDICAL COLLEGE STAFF

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Herget, Carl.....	Medicine..... 48
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Heuer, George J.....	Surgery..... 69
Hinsey, Joseph C.....	Anatomy..... 40
Hocker, Alfred F.....	Radiology..... 67
Holman, Cranston.....	Surgery..... 69
Holmes, Charles M.....	Psychiatry..... 62
Holt, Evelyn.....	Medicine..... 46
Homrich, Leslie A.....	Medicine..... 46
Hooker, Russell H.....	Surgery..... 70
Horney, Marianne.....	Psychiatry..... 62
Hotchkiss, Robert S.....	Surgery (Urology)..... 70
Howard, Frederick H.....	Medicine..... 46
Hughes, Frederic J., Jr.....	Medicine..... 47
Humphreys, Gustavus A.....	Surgery (Urology)..... 70
Hunt, Frederick C.....	Pediatrics..... 57
Huntington, Robert W.....	Pathology..... 55
Huschka, Mabel.....	Psychiatry..... 62
Jacobsen, Leif Y.....	Medicine..... 46
Jaeger, Ruth Emilie.....	Psychiatry..... 62
Jaffe, Evelyn.....	Bacteriology and Immunology..... 42
Jameison, Gerald G.....	Psychiatry..... 62
Javert, Carl T.....	Obstetrics and Gynecology..... 52
Jeck, Howard S.....	Surgery (Urology)..... 69
Jensen, D. Rees.....	Surgery..... 70
Johnson, Scott.....	Medicine..... 46
Jones, Carl W.....	Obstetrics & Gynecology..... 52
Jones, Marshall.....	Psychiatry (Psychology)..... 62
Jorgensen, Gilbert M.....	Pediatrics..... 57
Kabat, Elvin A.....	Pathology..... 55
Kahn, Morton C.....	Public Health & Preventive Medicine..... 64
Kauer, George L., Jr.....	Medicine..... 46
Kauer, Joseph T.....	Surgery..... 70
Kautz, Friedrich G.....	Radiology..... 67
Kelley, Samuel F.....	Surgery (Otolaryngology)..... 70
Kelly, LeMoyné C.....	Medicine..... 46
Kennedy, Foster.....	Medicine (Neurology)..... 45
Keyes, Edward L.....	Surgery (Urology) (Emeritus)..... 10
King, Joseph E. J.....	Surgery..... 70
Kleiber, Estelle.....	Medicine..... 46
Klotz, Walter C.....	Public Health & Preventive Medicine..... 64
Knapp, George M.....	Surgery..... 70
Koenig, Hedwig.....	Pediatrics..... 57
Kramer, Milton M.....	Medicine..... 46
Krans, De Hart.....	Medicine..... 46
Krop, Stephen.....	Pharmacology..... 59

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Kuder, Katherine	Obstetrics & Gynecology 52
Kuhner, Anne E.	Surgery (Urology) 70
Kunkle, C. Edward	Medicine 47
Ladd, William S.	Dean; Medicine 45
Lake, Michael	Medicine 46
LaMar, Norvelle C.	Psychiatry 62
Larrabee, Martin G.	Physiology 60
Lasher, Earl P., Jr.	Surgery 71
Lawrence, Edgar A.	Medicine 46
Lemcke, Dorothea	Medicine 46
Levine, Leon I.	Medicine 45
Levine, Milton I.	Pediatrics 57
Levine, Samuel Z.	Pediatrics 57
Lewis, George M.	Medicine 47
Liebolt, Frederick L.	Surgery (Orthopedics) 70
Lincoln, Asa L.	Medicine 45
Linton, Richard W.	Pathology 55
Lintz, Robert M.	Medicine 47
Lipmann, Fritz	Biochemistry 43
Loebel, Robert O.	Medicine 47
Lonergan, Michael P.	Psychiatry 62
Lord, Jere W., Jr.	Surgery 71
Loveless, Mary E.	Medicine 47
Luehrs, Leslie E.	Psychiatry 62
Lyle, Henry H. M.	Surgery 69
McAuliffe, Gervais W.	Surgery (Otolaryngology) 69
McCall, John O.	Public Health & Preventive Medicine 64
McCandlish, Howard S.	Obstetrics & Gynecology 52
McCombs, A. Parks	Medicine 47
McDermott, Walsh	Medicine 47
McGowan, Frank J.	Surgery 70
McGrath, John F.	Obstetrics & Gynecology 52
McKittrick, Robert B.	Medicine 47
McLane, Charles M.	Obstetrics & Gynecology 52
McLellan, Allister M.	Surgery (Urology) 70
Macdonald, James O.	Surgery (Otolaryngology) 70
MacFee, William F.	Surgery 69
Mackie, Thomas T.	Public Health & Preventive Medicine 64
MacNaugher, Elizabeth M.	Surgery (Ophthalmology) 71
Magill, Thomas P.	Bacteriology & Immunology 42
Marchetti, Andrew A.	Obstetrics & Gynecology 52
Marshall, Victor F.	Surgery 71
Martin, Kirby	Medicine 47
Mayer, Edgar	Medicine 45
Mehler, Leopold	Surgery (Otolaryngology) 71
Meigher, Stephen C.	Surgery 71

MEDICAL COLLEGE STAFF

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Mendelson, Curtis L.	Obstetrics & Gynecology 52
Merrill, E. Forest.	Radiology 67
Merrill, Frederick H.	Medicine 47
Milhorat, Ade T.	Medicine; Psychiatry 45; 62
Miller, James E.	Obstetrics & Gynecology 52
Miller, Raymond E.	Medicine; Public Health & Preventive Medicine 47; 64
Millikan, Glenn A.	Physiology 60
Mittelman, Bela	Medicine 48
Mitton, Kencil L.	Radiology 67
Modell, Walter	Pharmacology 59
Moench, L. Mary	Medicine 47
Montu, Elizabeth	Public Health & Preventive Medicine 64
Moore, Samuel W.	Surgery 70
Morrill, Charles V.	Anatomy 40
Morrill, James P., Jr.	Pediatrics 57
Morrison, Donald R.	Surgery 71
Moyer, Arden W.	Biochemistry 43
Muller, Otto H.	Surgery 70
Murphy, Willis A.	Medicine 47
Muschenheim, Carl	Medicine 47
Nathanson, Joseph N.	Obstetrics & Gynecology 52
Nauss, Ralph W.	Public Health & Preventive Medicine 64
Neill, James M.	Bacteriology & Immunology 42
Neugarten, Ludwig	Obstetrics & Gynecology 53
Newman, Grace T.	Medicine 47
Nickel, William F., Jr.	Surgery 70
Niles, Henry D.	Medicine 47
Niles, Walter L.	Medicine 45
Nonidez, José F.	Anatomy 40
Ogilvie, John B.	Surgery 70
Olcott, Charles T.	Pathology 55
Opie, Eugene L.	Pathology 55
Oppel, Theodore W.	Medicine 47
O'Regan, Charles H.	Pediatrics 57
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Pack, George T.	Surgery 69
Palmer, Arthur	Surgery (Otolaryngology) 69
Palmer, Douglass	Medicine 45
Papae, Norman	Medicine 47
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